

# WATER RESOURCES SURVEY CARBON COUNTY, MONTANA

## PART II

Maps showing irrigated areas in colors  
designating the sources of supply



Published by  
STATE ENGINEER  
and

STATE WATER CONSERVATION BOARD  
Helena, Montana  
May, 1946

RECORDS  
MANAGEMENT  
WRS COPY

# Water Resources Survey

## Carbon County

### Montana

#### Part II

#### Maps Showing Irrigated Areas

Published by  
STATE ENGINEER  
and

STATE WATER CONSERVATION BOARD

Helena, Montana  
May, 1946

## STATE ENGINEER'S OFFICE

State Engineer	-	-	-	-	-	Fred E. Buck
Assistant	-	-	-	-	-	Gerald J. Oravetz

## STATE WATER CONSERVATION BOARD

Governor Sam C. Ford	-	-	-	-	-	Chairman
O. S. Warden	-	-	-	-	-	Vice-Chairman
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C. H. Raymond	-	-	-	-	-	Member
Fred E. Buck	-	-	-	-	-	Member and Chief Engineer
R. J. Kelly	-	-	-	-	-	Assistant Secretary

## MONTANA STATE AGRICULTURAL EXPERIMENT STATION

O. W. Monson - Irrigation Engineer, Consultant and Project Leader, Bozeman

May, 1946

Hon. Sam C. Ford  
Capitol Building  
Helena, Montana

Dear Governor Ford:

Submitted herewith is a consolidated report on the water resources survey of Carbon County, Montana. This work is being carried on by funds made available to the State Engineer and the State Water Conservation Board by the 29th Legislative Session, 1945.

The report is divided into two booklets—part one consisting of the history of land and water use, irrigated lands, water rights, etc., while part two contains all of the township maps showing in color the lands irrigated from each canal.

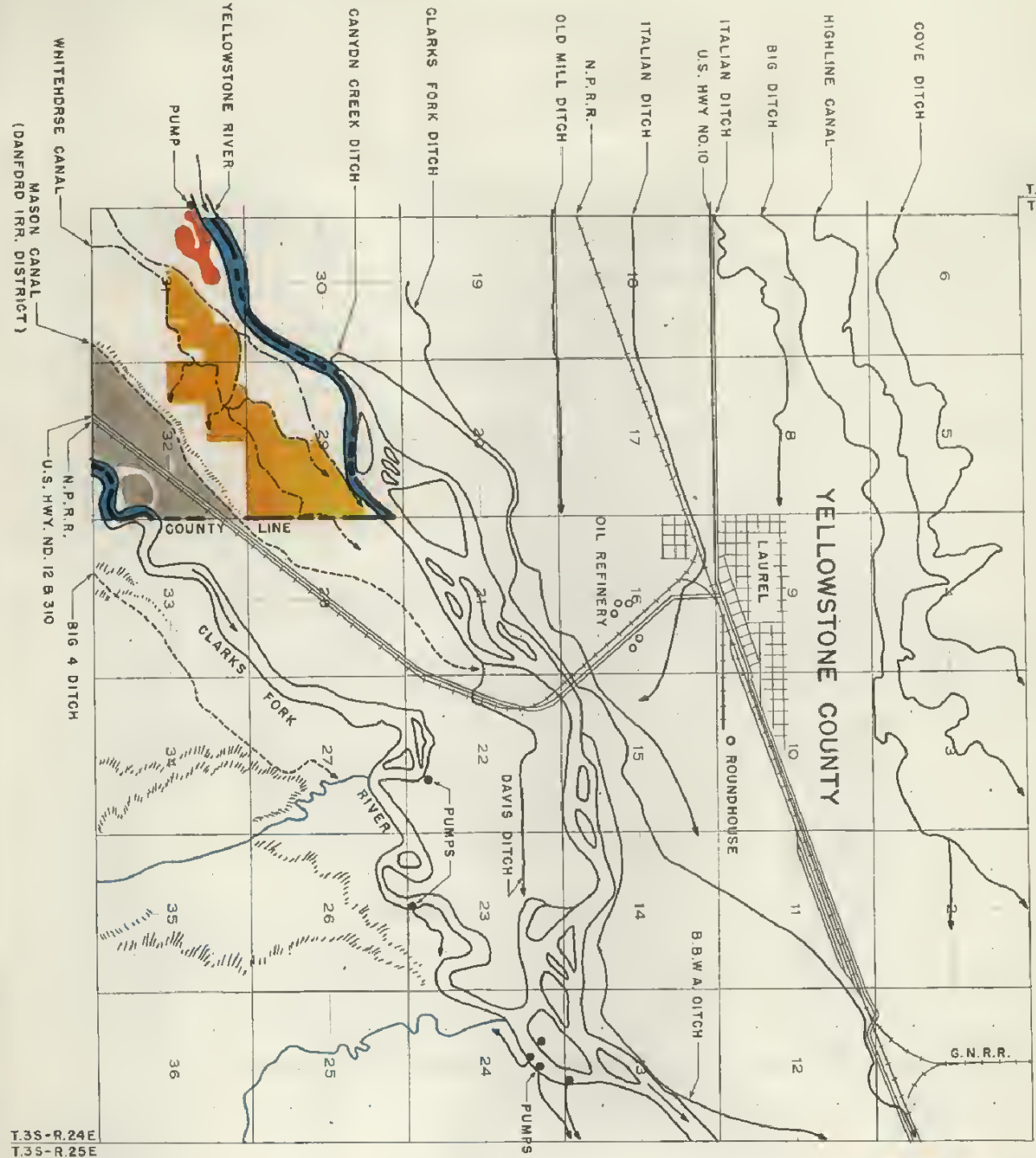
The office files contain minute descriptions and details of each individual water right, water and land use, etc., which are too voluminous to be included herein. These office files are available for inspection to those who are interested.

Mr. Gerald J. Oravetz, Assistant State Engineer, has directed the detail office and field work of this project and is entitled to much credit for the excellent accomplishment.

Respectfully submitted,

FRED E. BUCK,  
State Engineer.

T. 1 S - R. 23 E  
 T. 1 S - R. 24 E



**LEGEND**

- DANFORD DISTRICT
- WHITEHORSE
- PRIVATE

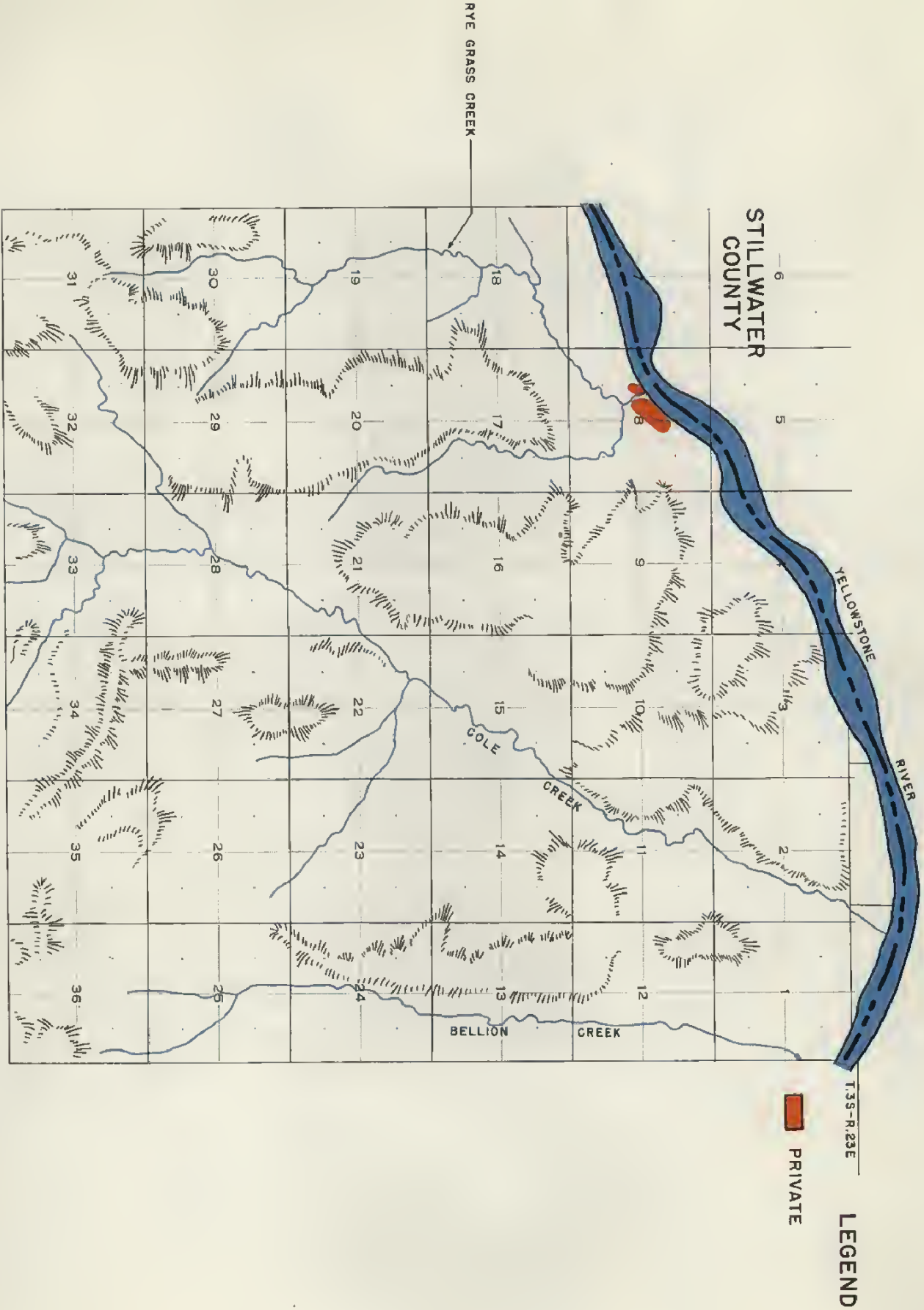


Township No. 3 SOUTH

Range No. 22 EAST

County CARBON

T. 3 S.  
R. 22 E.





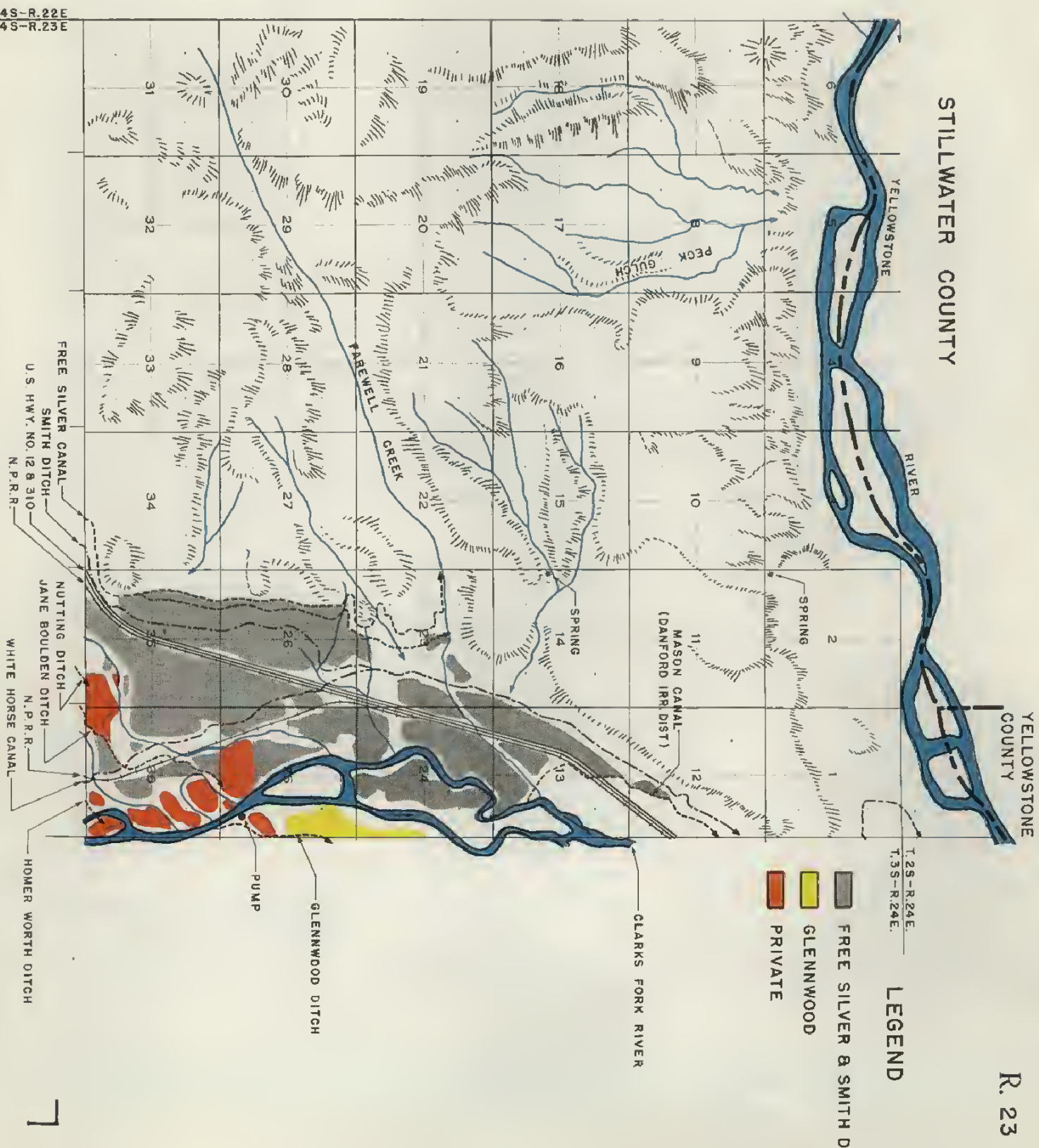


Township No. 3 SOUTH Range No. 23 EAST

County CARBON

T. 3 S  
R. 23 E

# STILLWATER COUNTY



T. 25-R. 24 E  
T. 35-R. 24 E

## LEGEND

- FREE SILVER & SMITH DITCH
- GLENNWOOD
- PRIVATE

FREE SILVER CANAL  
SMITH DITCH  
U.S. HWY. NO. 12 & 310  
N.P.R.R.  
NUTTING DITCH  
JANE BOULDER DITCH  
N.P.R.R.  
WHITE HORSE CANAL  
HOMER WORTH DITCH

PUMP  
GLENNWOOD DITCH

CLARK'S FORK RIVER

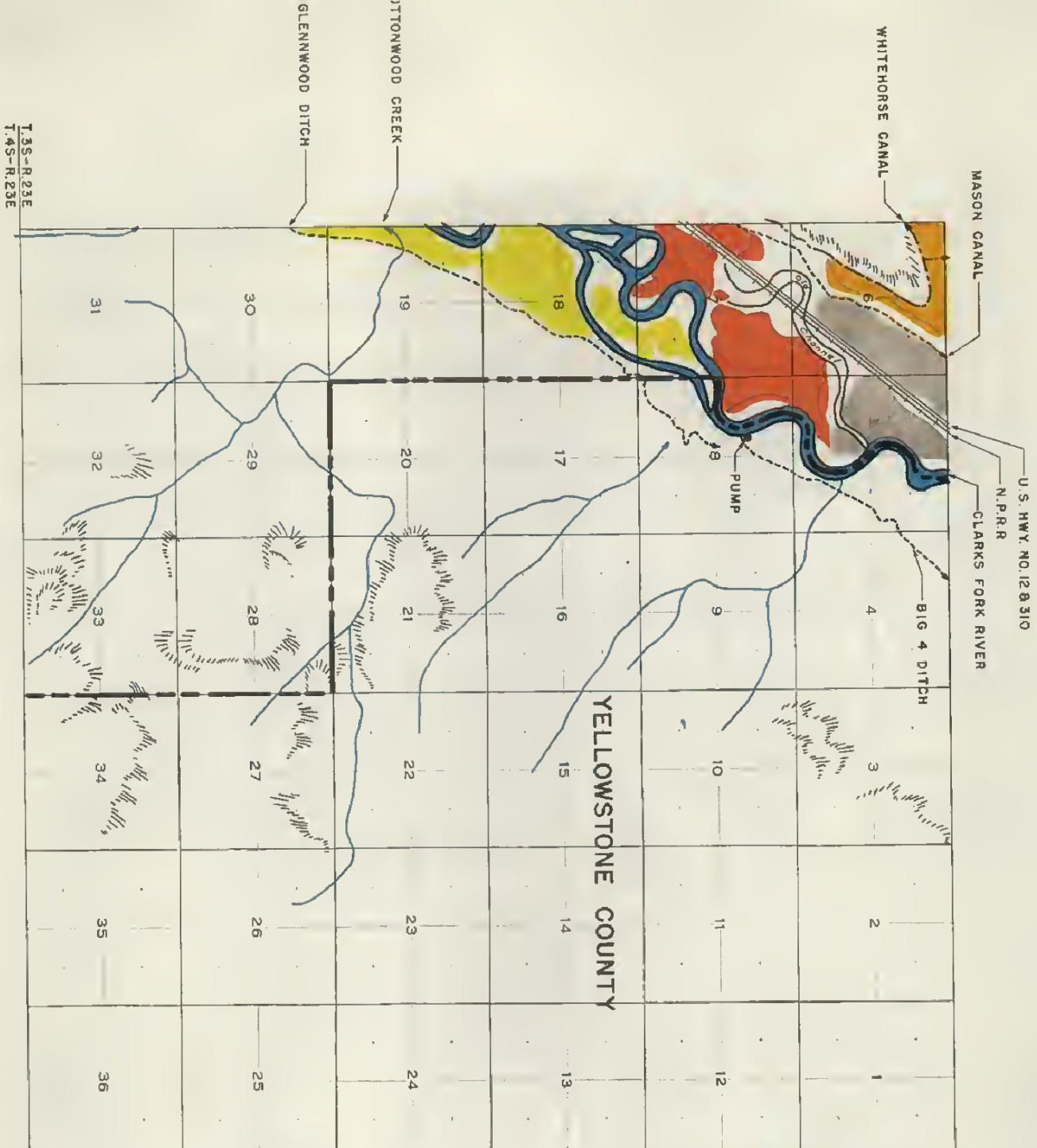


Township No. 3 SOUTH

Range No. 24 EAST

County CARBON

T. 3 S  
R. 24 E



### LEGEND

- DANFORD DISTRICT
- GLENNWOOD
- WHITEHORSE
- PRIVATE





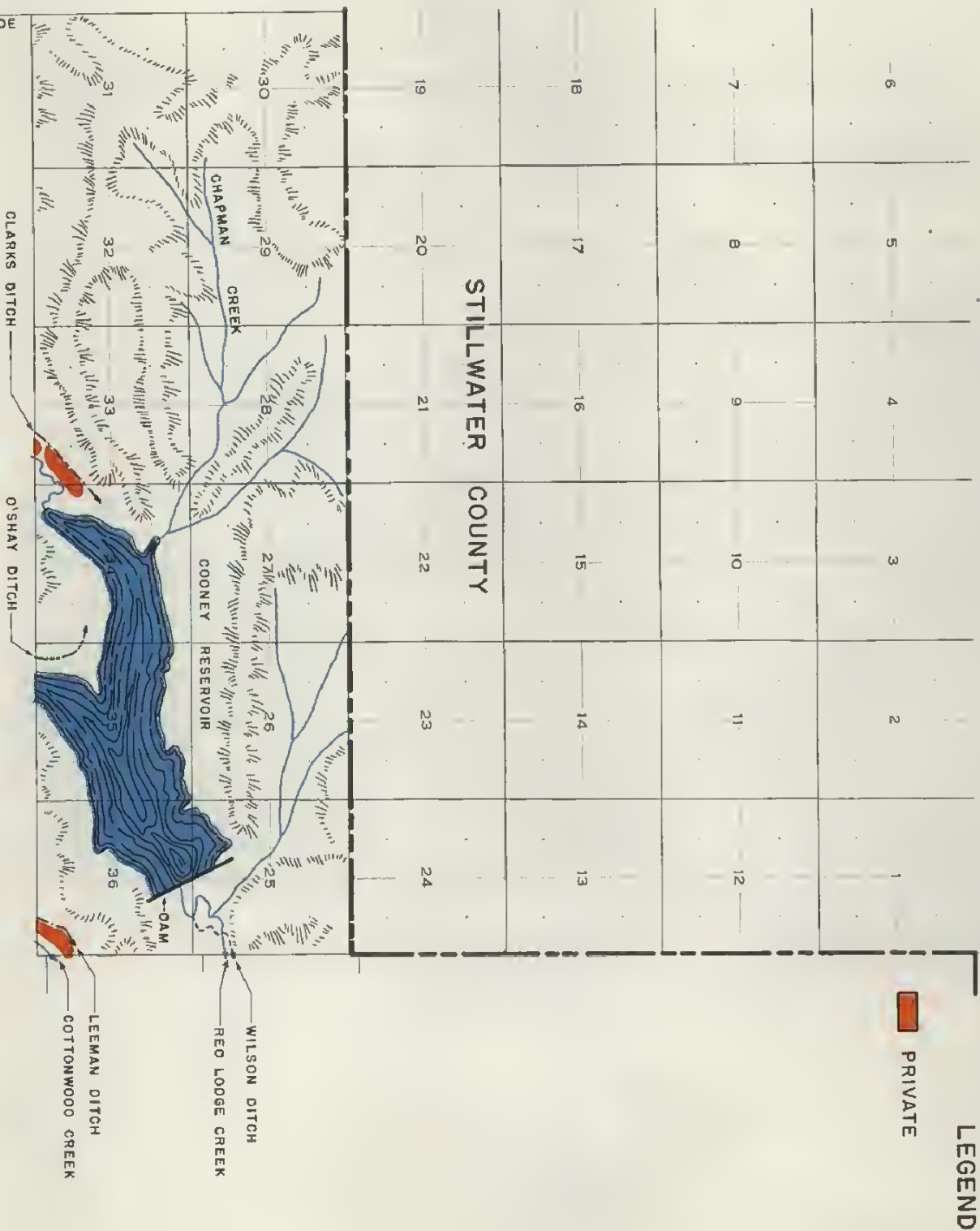
Township No. 4 SOUTH

Range No. 20 EAST

County CARBON

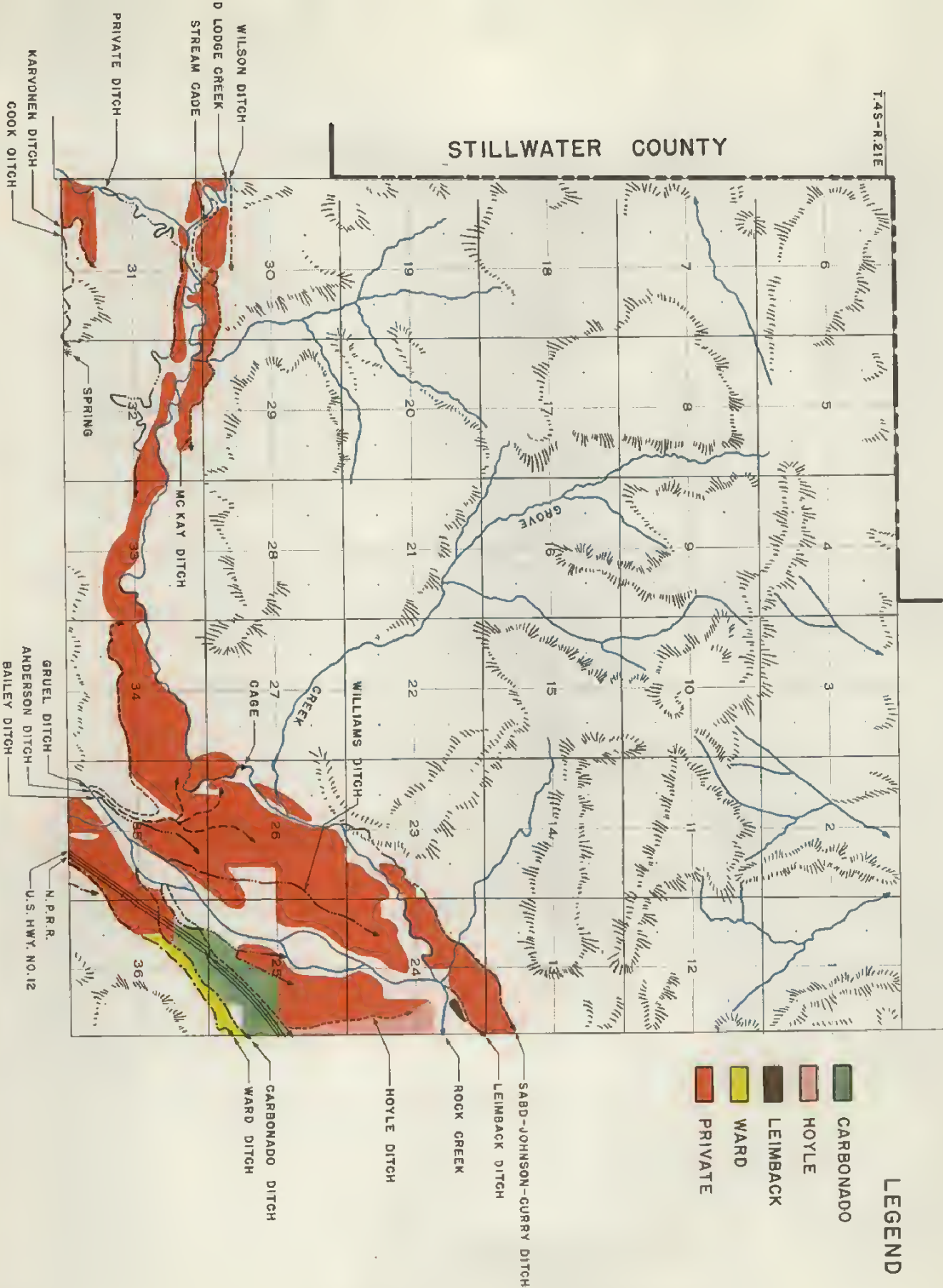
T. 4 SOUTH  
R. 20 EAST

T. 5S - R. 20E



# STILLWATER COUNTY

T. 4 S. - R. 21 E.



## LEGEND

- CARBONADO
- HOYLE
- LEIMBACK
- WARD
- PRIVATE

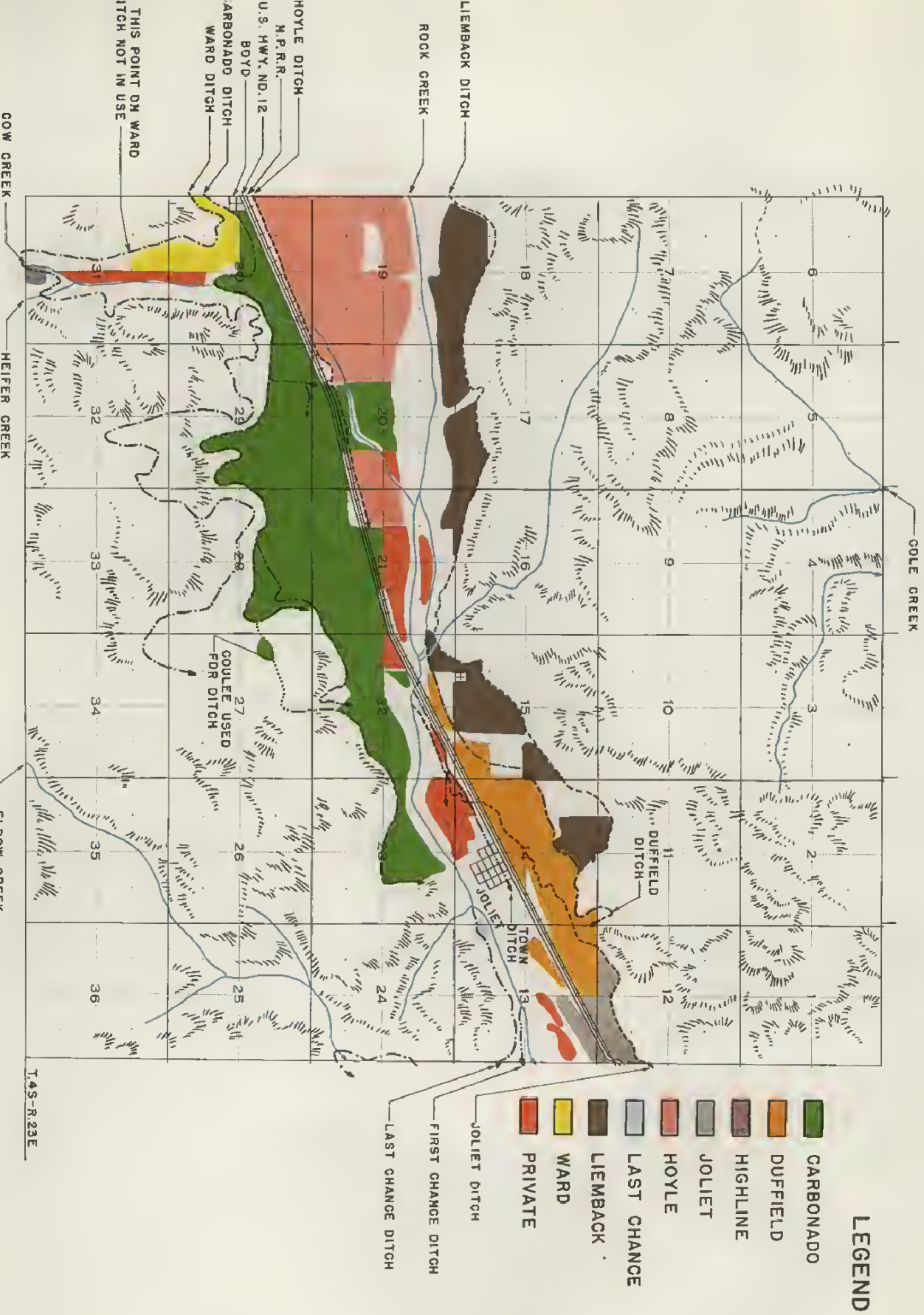


Township No. 4 SOUTH

Range No. 22 EAST

County CARBON

T. 4 S  
R. 22 E





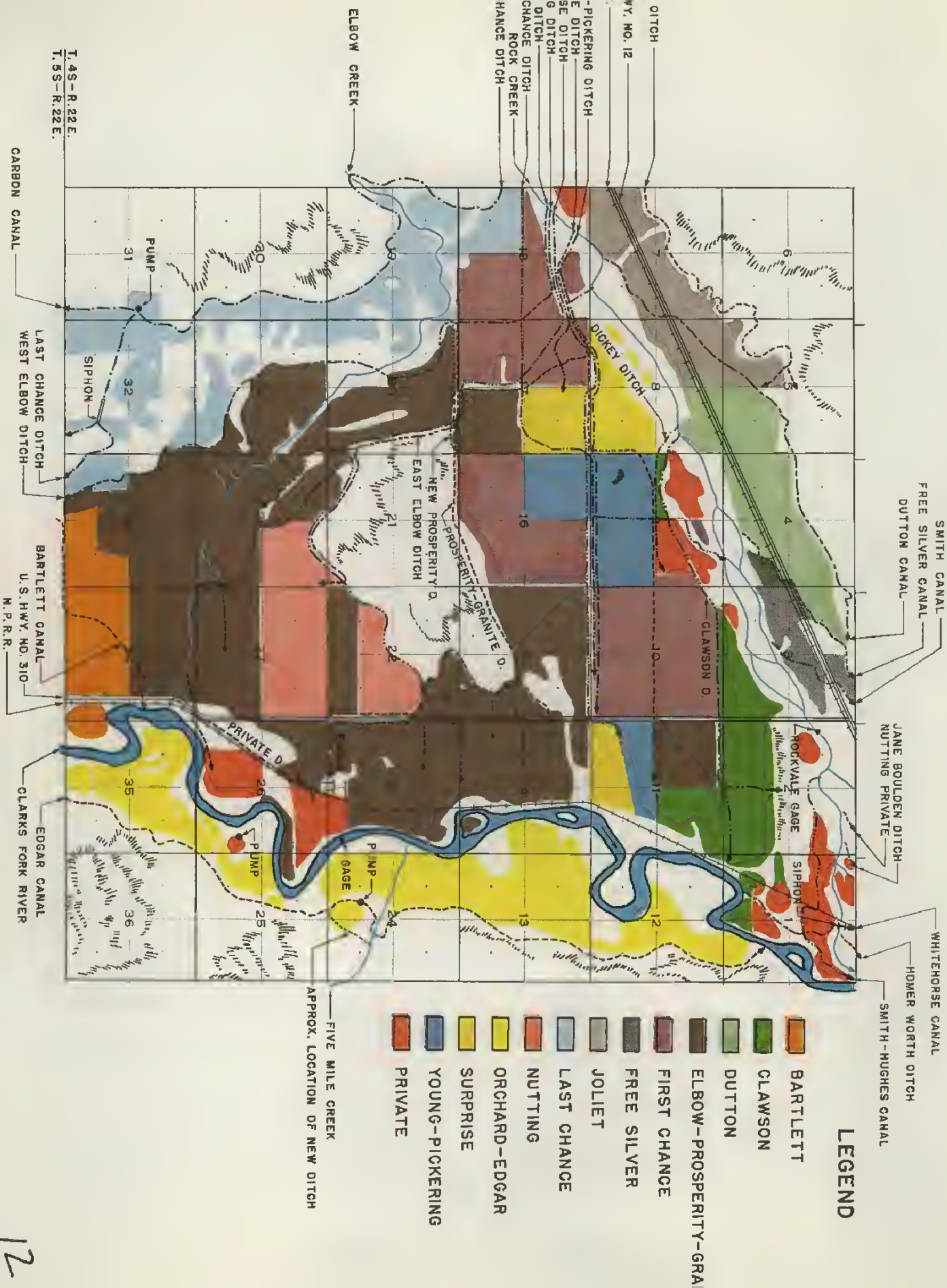


Township No. 4 SOUTH

Range No. 23 EAST

County CARBON

T. 4 S  
R. 23 E



LEGEND

- BARTLETT
- CLAWSON
- DUTTON
- ELBOW-PROSPERITY-GRANITE D.
- FIRST CHANCE
- FREE SILVER
- JOLIET
- LAST CHANCE
- NUTTING
- ORCHARD-EDGAR
- SURPRISE
- YOUNG-PICKERING
- PRIVATE

FIVE MILE CREEK  
APPROX. LOCATION OF NEW DITCH

SMITH CANAL  
FREE SILVER CANAL  
DUTTON CANAL  
JANE BOULDER DITCH  
NUTTING PRIVATE  
WHITEHORSE CANAL  
HOMER WORTH DITCH  
SMITH-HUGHES CANAL

ELBOW CREEK  
PUMP  
SIPHON  
LAST CHANCE DITCH  
WEST ELBOW DITCH  
BARTLETT CANAL  
U.S. HWY. NO. 310  
N.P.R.R.  
EDGAR CANAL  
CLARKS FORK RIVER  
PUMP  
GAGE  
PRIVATE D



Township No. 4 SOUTH Range No. 24 EAST County CARBON

T. 4 SOUTH  
R. 24 EAST

T. 3S-R. 23E  
T. 4S-R. 23E

COTTONWOOD CREEK

FORK RIVER

VE MILE CREEK

PRIVATE DITCH

OLD BOZEMAN TRAIL

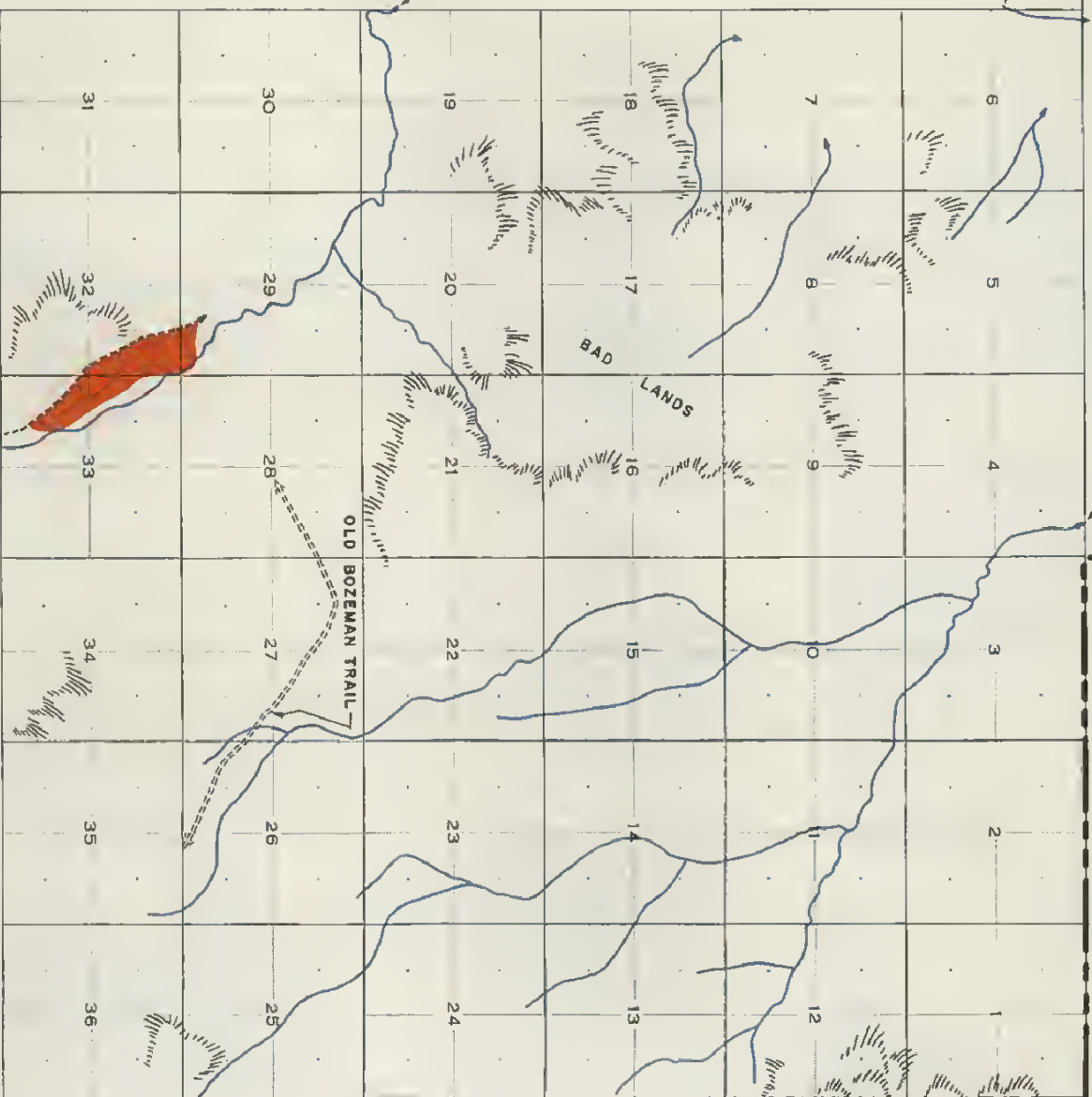
BAD LANDS

YELLOWSTONE COUNTY



PRIVATE

LEGEND







Township No. 5 SOUTH

Range No. 18 EAST

County CARBON

T. 5 SOUTH  
R. 18 EAST

# STILLWATER COUNTY

CHIMNEY CREEK  
TUTTLE LUTHER DITCH  
EAST ROSEBUD RIVER  
KYLE-FERSTER-SEELY D.  
ANTELOPE CREEK

PRIVATE

LEGEND

FLUME OUT

SELLECK-ESPELAND DITCH  
SELLECK-SCOTT DITCH

TREYMAN  
DITCH

BUTCHER  
CREEK

LEY PARKER DITCH  
(M WEST ROSEBUD)

GESRSOLL CREEK

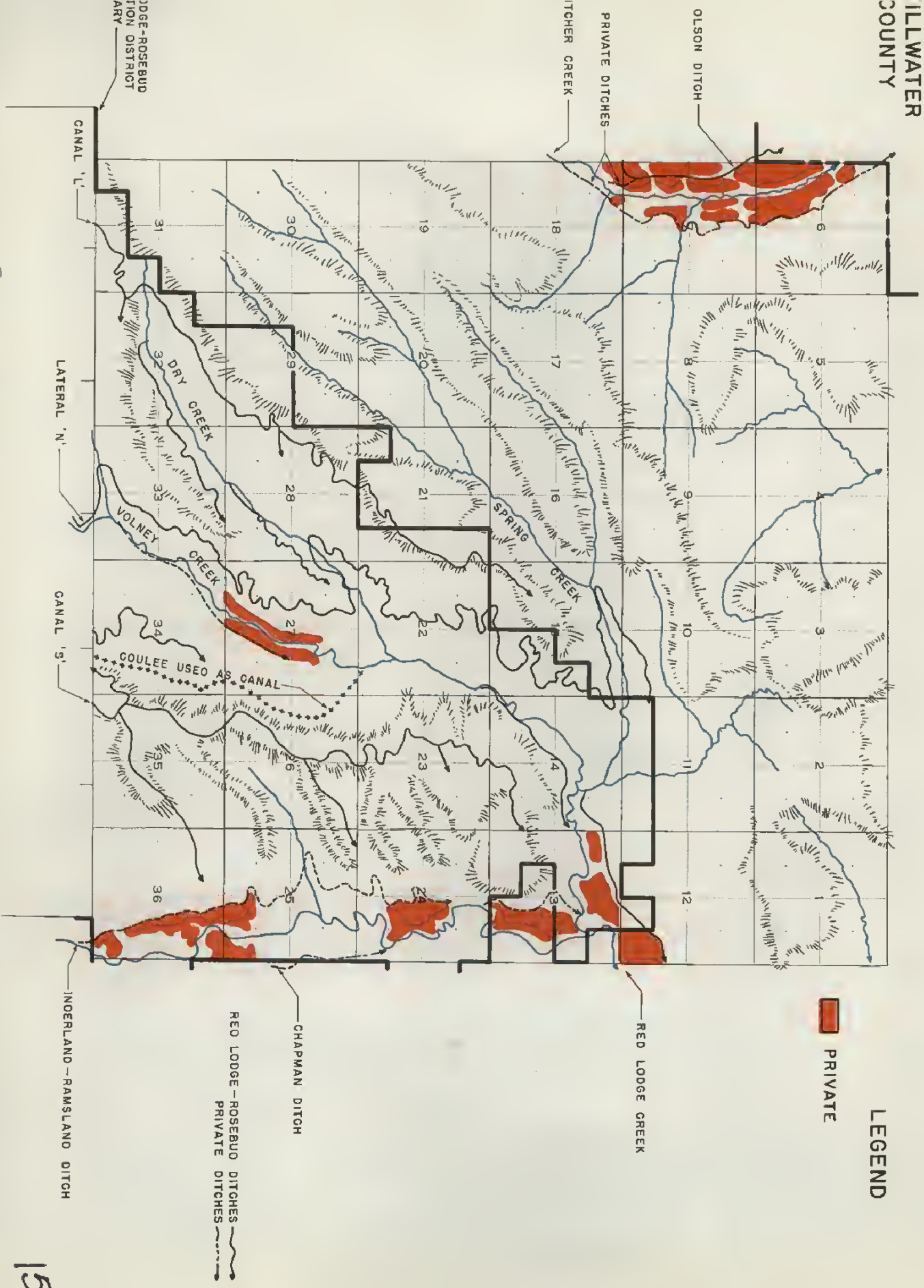
ANTELOPE BASIN DITCH  
JOHN GEORGE DITCH  
ESPELAND-OSTRUM-GEORGE D.

OLSON DITCH  
GEORGE-DANA DITCH

DISTRICT  
BOUNDARY



ILLWATER  
COUNTY



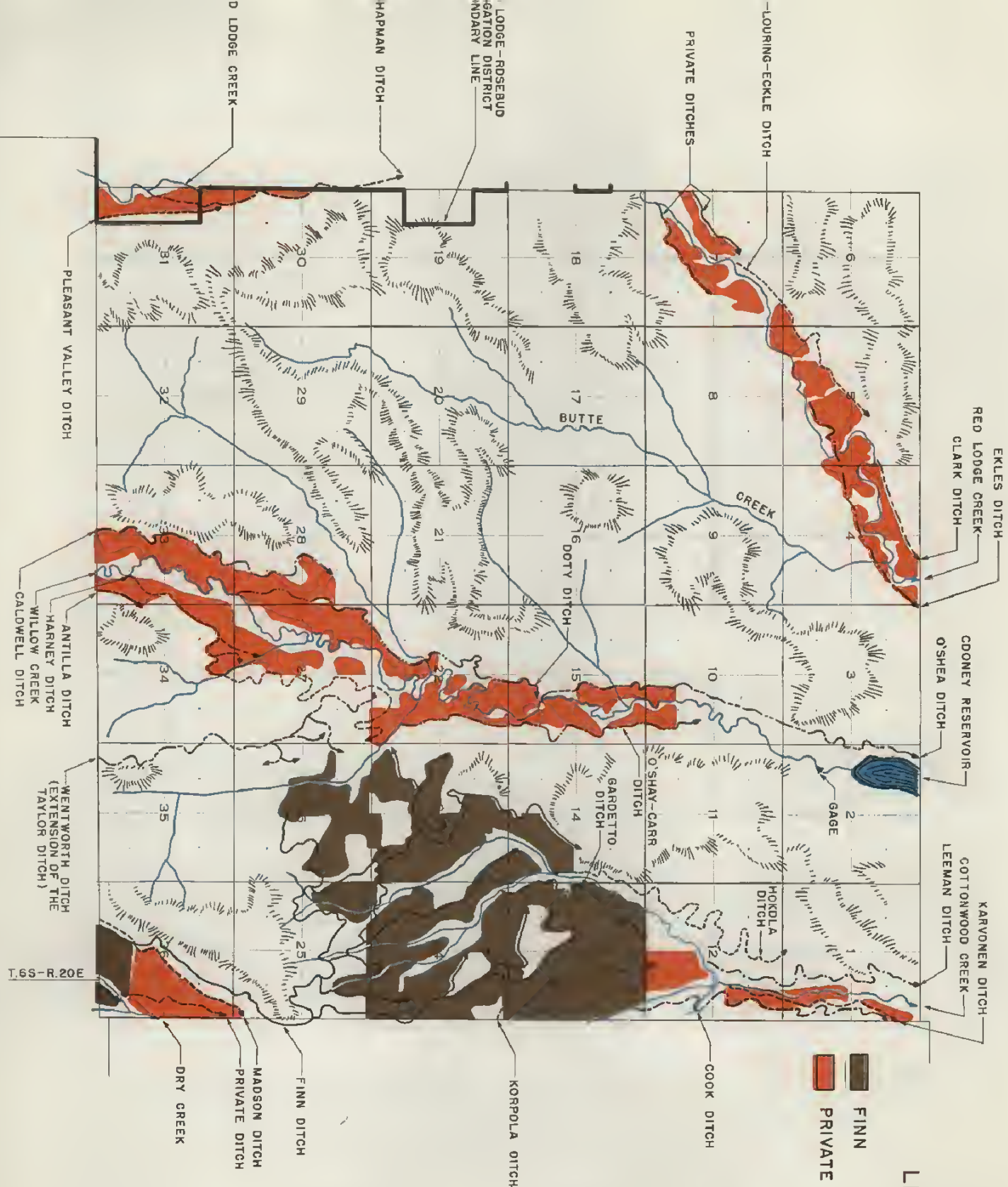


Township No. 5 SOUTH

Range No. 20 EAST

County CARBON

T. 5 S  
R. 20 E





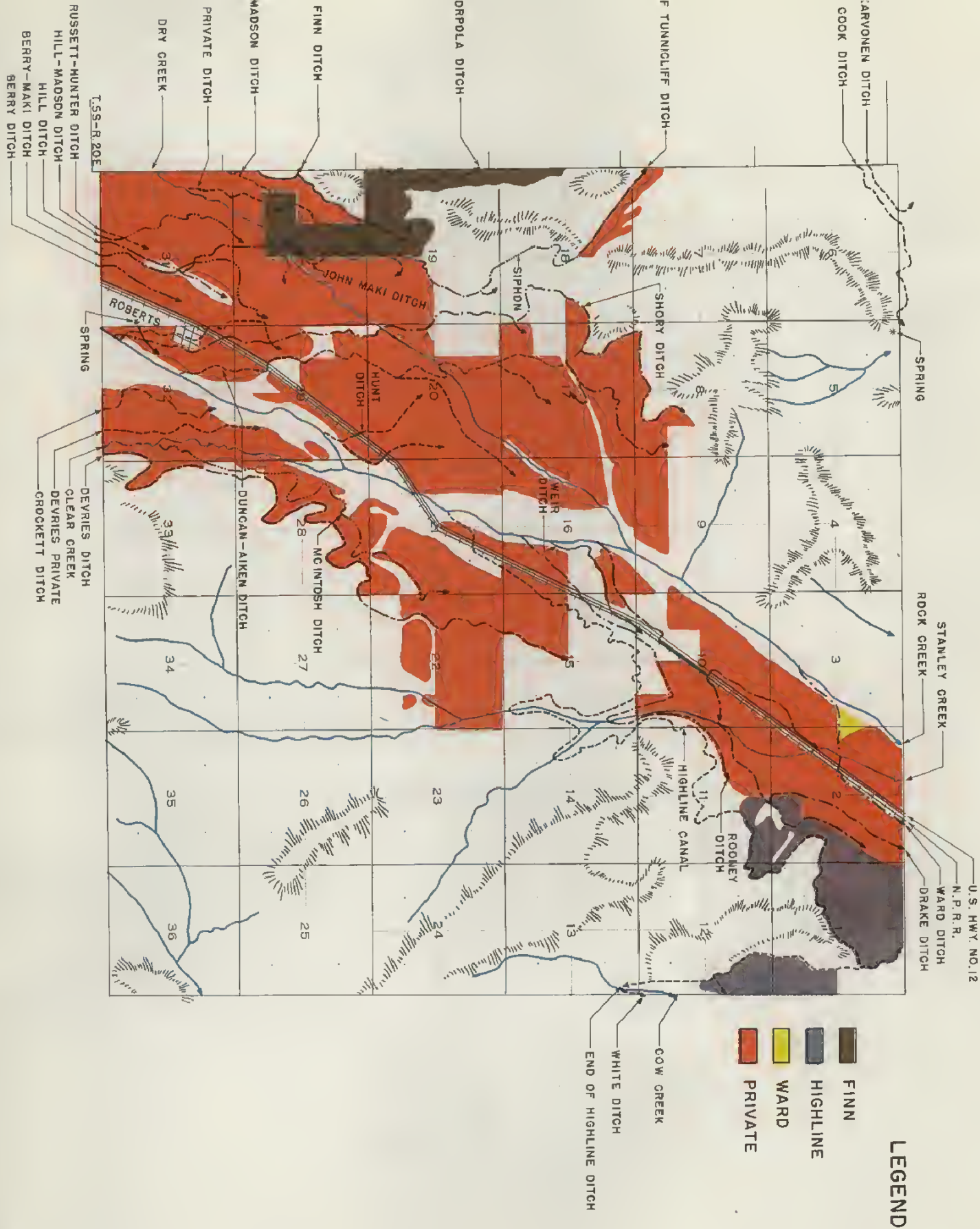


Township No. 5 SOUTH

Range No. 21 EAST

County CARBON

T. 5 S  
R. 21 E



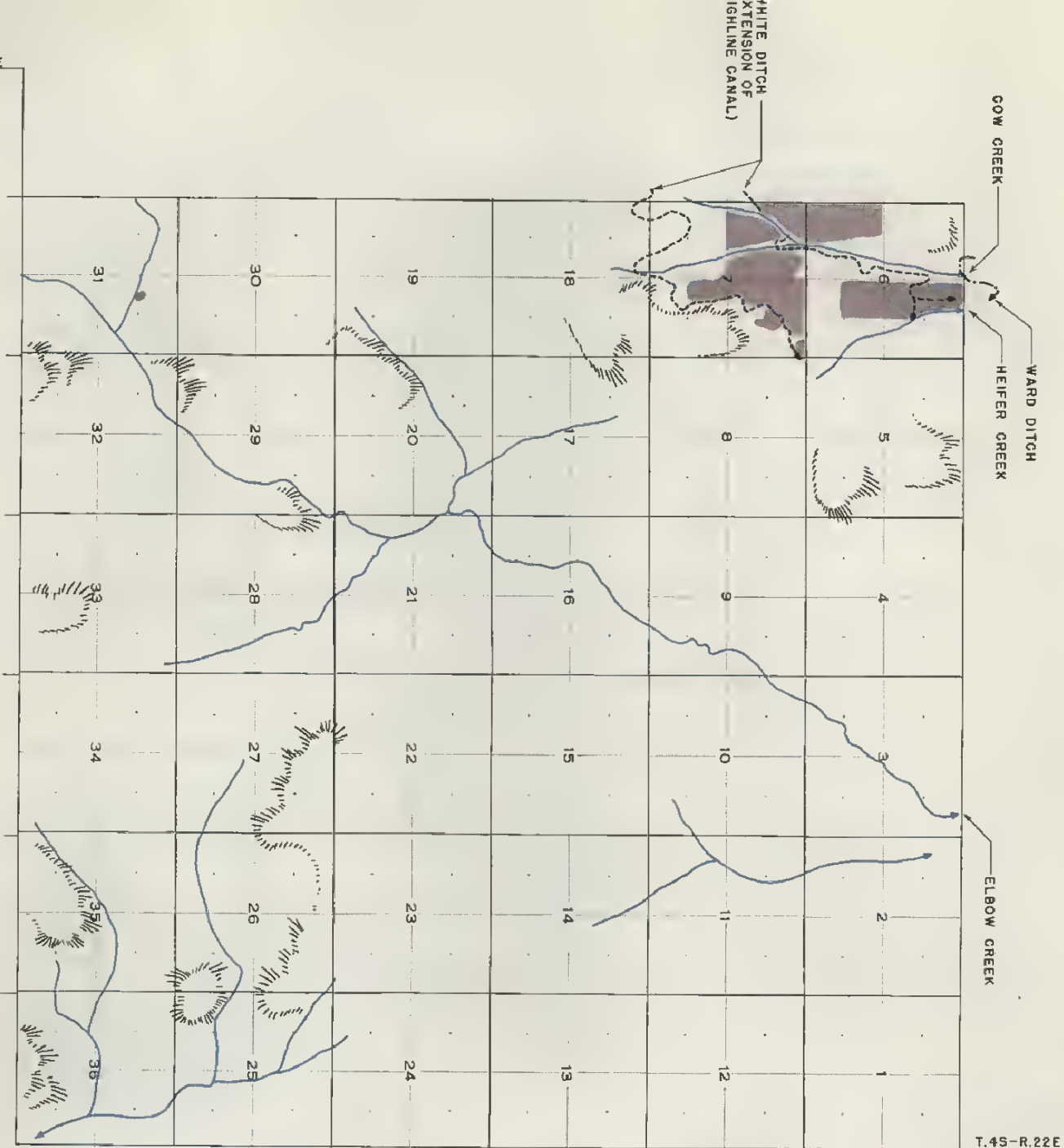


Township No. 5 SOUTH

Range No. 22 EAST

County CARBON

T. 5 SOUTH  
R. 22 EAST



LEGEND

HIGHLINE

T. 6S - R. 21E

T. 6S - R. 22E





Township No. 5 SOUTH

Range No. 23 EAST

County CARBON

T. 5 S  
R. 23 E

CARBON CANAL  
(EXTENSION OF LAST CHANCE  
FROM ROCK CREEK)

LAST CHANCE DITCH  
WEST ELBOW DITCH  
(BOTH FROM ROCK CREEK)

U.S. HWY. NO. 310  
N.P.R.R.  
EDGAR CANAL

END OF DRCHARD  
START OF EDGAR

FROMBERG

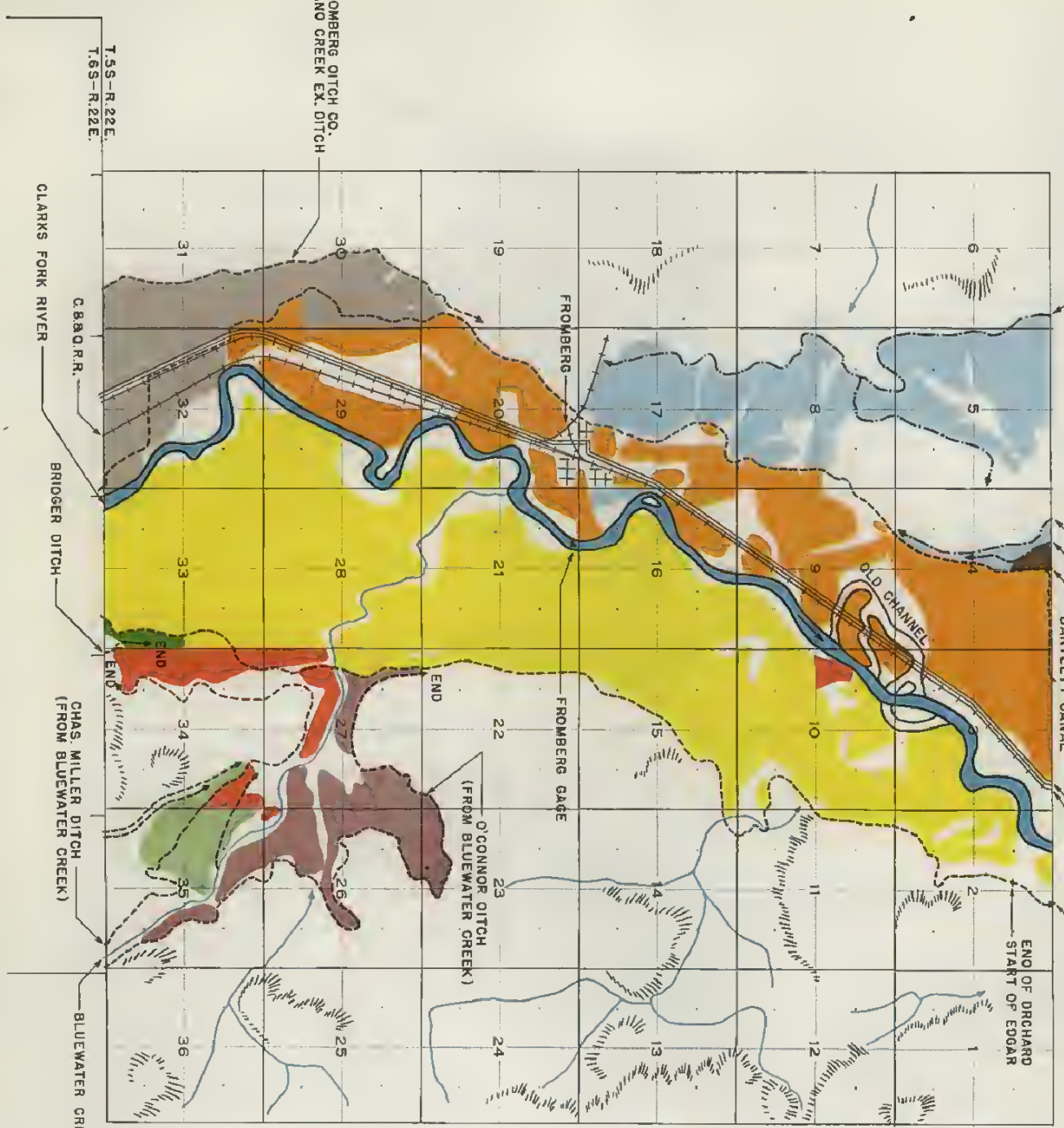
FROMBERG GAGE

O'CONNOR DITCH  
(FROM BLUEWATER CREEK)

FROMBERG DITCH CO.  
SAND CREEK EX. DITCH

# LEGEND

- BARTLETT
- BRIDGER
- ELBOW
- LAST CHANCE & CARBON
- O'CONNOR
- ORCHARD CANAL
- ORCHARD DITCH
- SAND CREEK CANAL
- PRIVATE

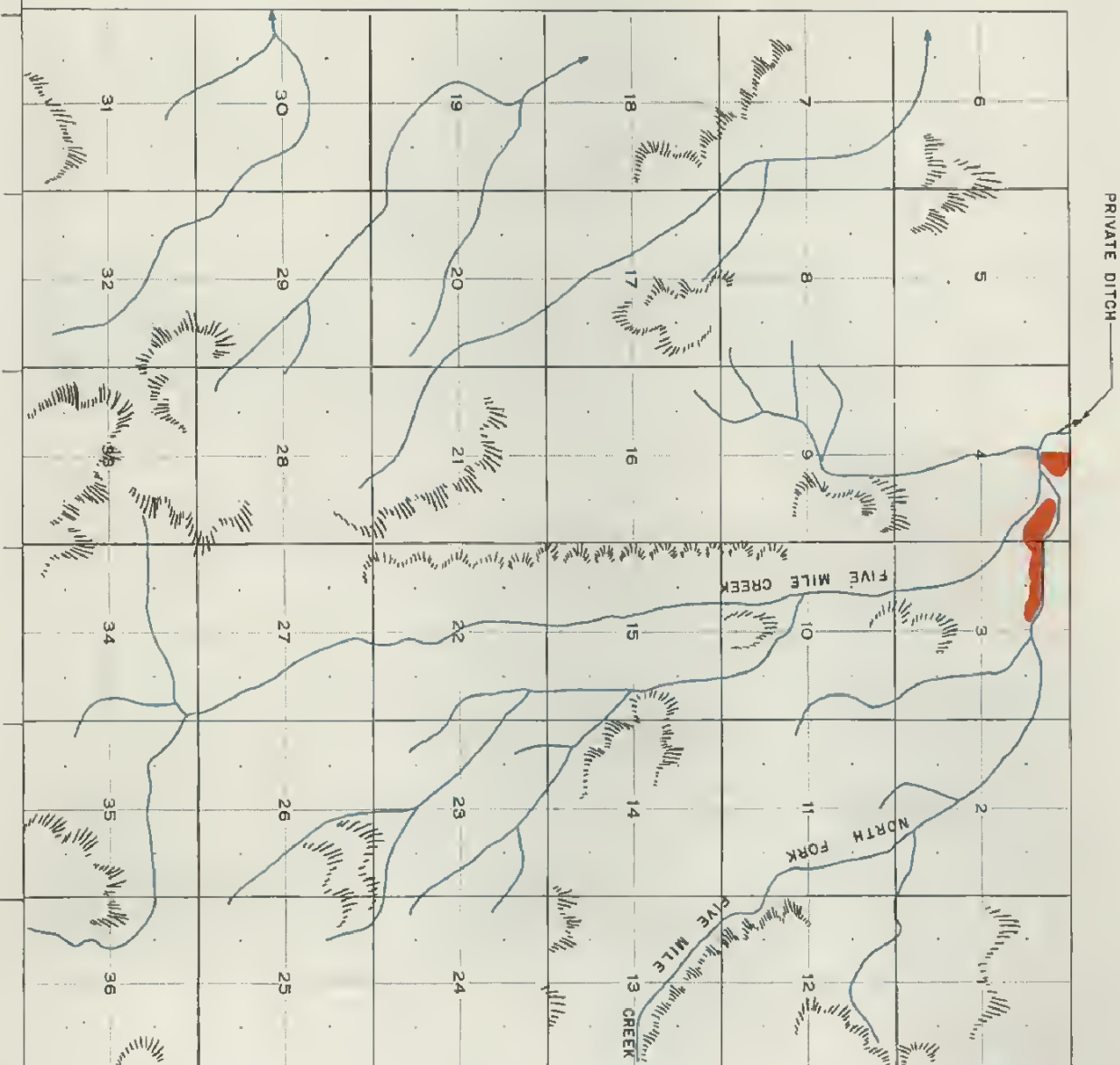




Township No. 5 SOUTH Range No. 24 EAST County CARBON

T. 5 S.  
R. 24 E.

T. 6 S. - R. 23 E.  
T. 6 S. - R. 24 E.

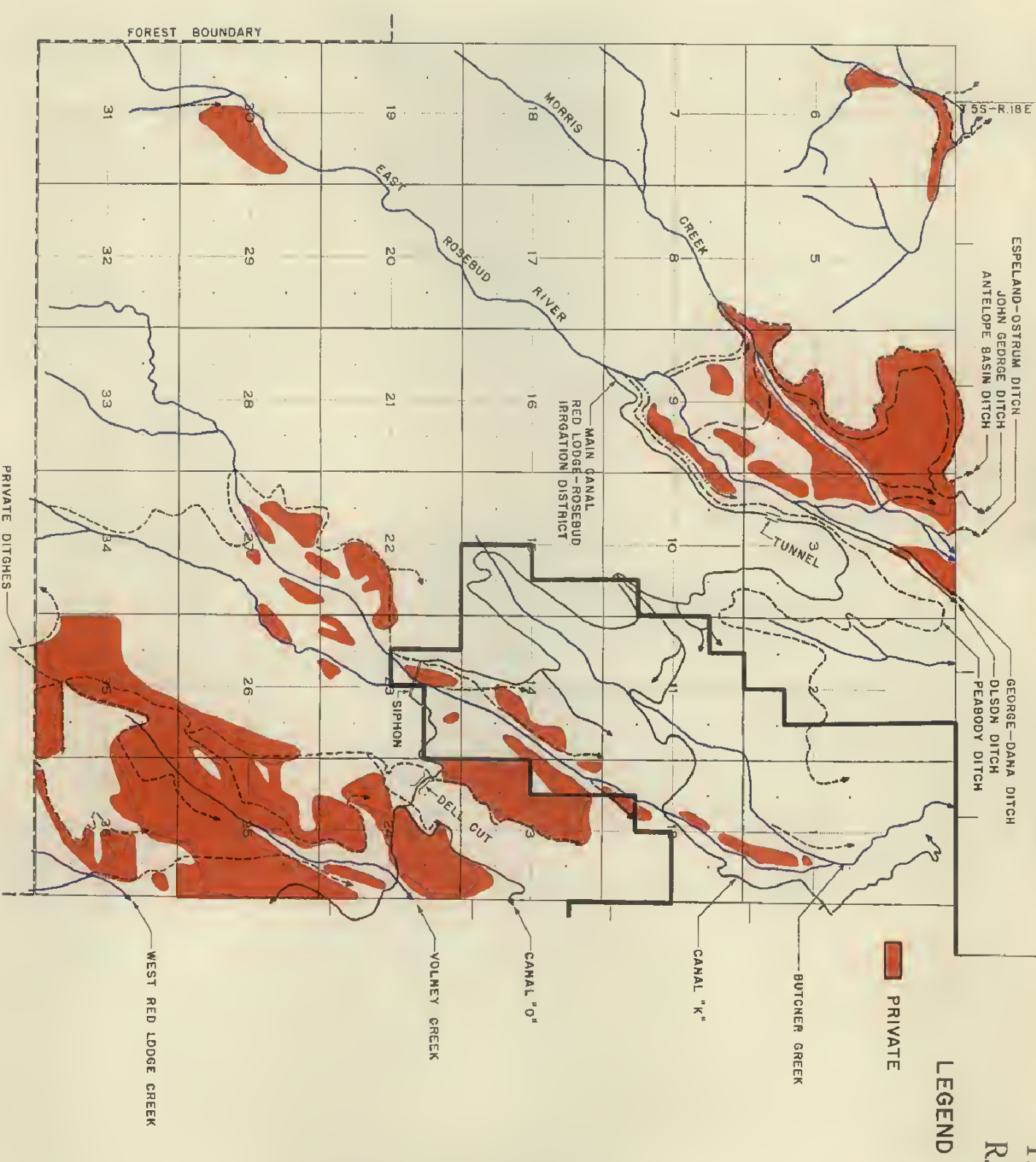


PRIVATE

LEGEND

Township No. 6 SOUTH Range No. 18 EAST County CARBON

T. 6 S  
R. 18 E



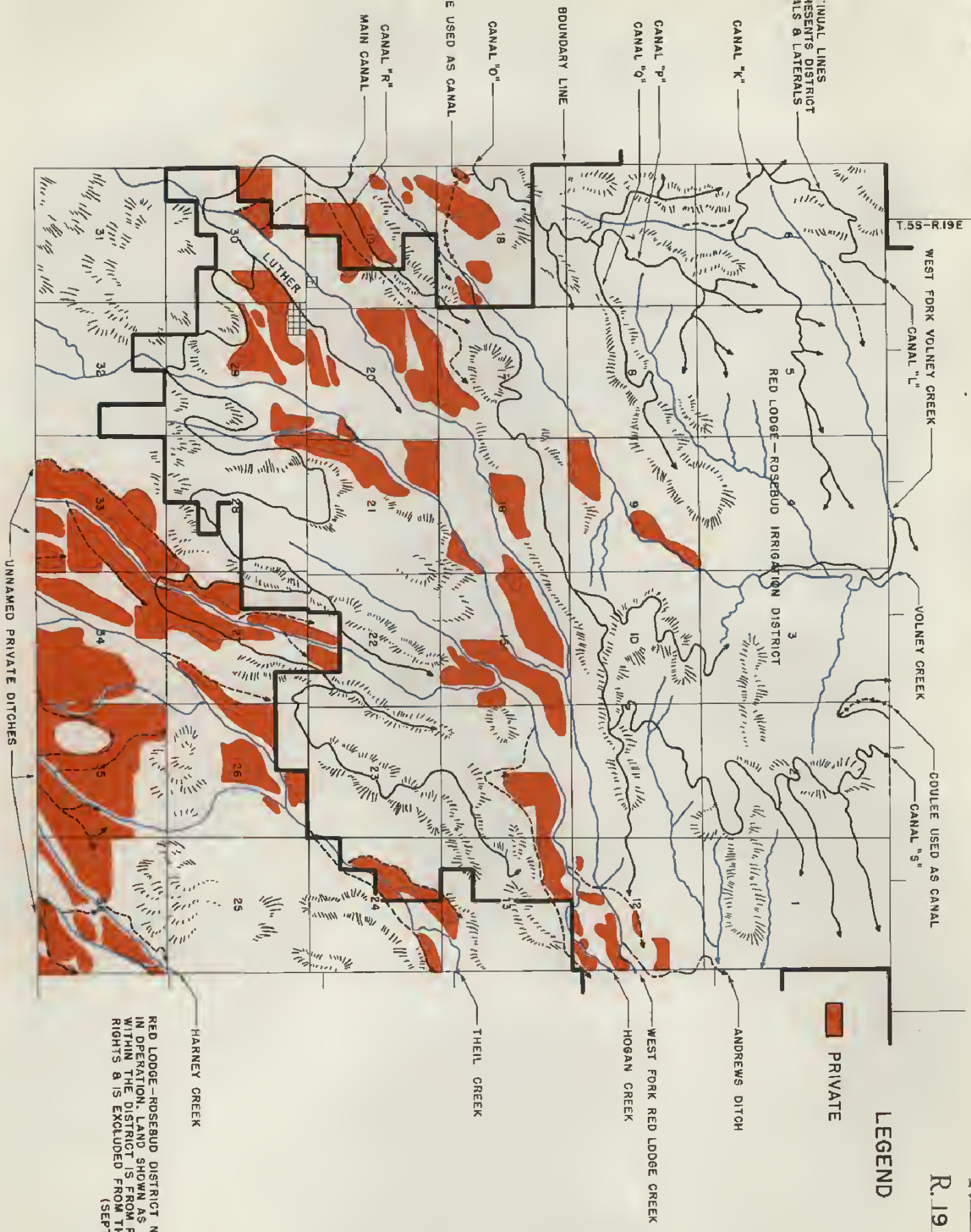
CUSTER NATIONAL FOREST





Township No. 6 SOUTH Range No. 19 EAST County CARBON

T. 6 SOUTH  
R. 19 EAST





Township No. 6 SOUTH

Range No. 20 EAST

County CARBON

T. 6 S. R. 20 E.

RED LODGE CREEK

RED LODGE—ROSEBUD  
IRRIGATION DISTRICT  
BOUNDARY LINE

ANDREWS DITCH

WEST RED LODGE CREEK

HOGAN CREEK

CRANE DITCH

THEIL CREEK

CRAWFORD—BRANDT DITCH  
CRAWFORD DITCH

HARNEY CREEK

ANTILLA DITCH  
WILLOW CREEK  
CALDWELL DITCH  
PLEASANT VALLEY DITCH

CHATMAN DITCH

WENTWORTH DITCH

RUSSETT—HUNTER DITCH  
DRY CREEK  
MIKE HILL DITCH  
MADSON DITCH

T. 5 S. - R. 20 E.

LEGEND

- FINN
- HAARA
- PLEASANT VALLEY
- PRYDE—DRAPER
- PRIVATE

FINN DITCH

HUNTER—RUSSETT DITCH

U.S. HWY. NO. 12  
N.P.R.R.

ROCK CREEK

KIVIKANGAS DITCH

CLEAR CREEK DITCH  
SPARR DITCH

TORRISON DITCH

BAILEY DITCH

PLEASANT VALLEY CANAL

SPRING CREEK  
MCDONALD DITCH

HAARA DITCH

RASPBERRY DITCH

PRIVATE DITCH  
KERO DITCH  
HUNTER—NORTHY DITCH  
FEELEY DITCH  
TAYLOR DITCH

BOYER  
DITCH

BARNETT DITCH

TOM CARR D.

HUNTER DITCH

LUOMA D.  
END OF  
TAYLOR

CURRY DITCH

MCINTOSH  
DITCH



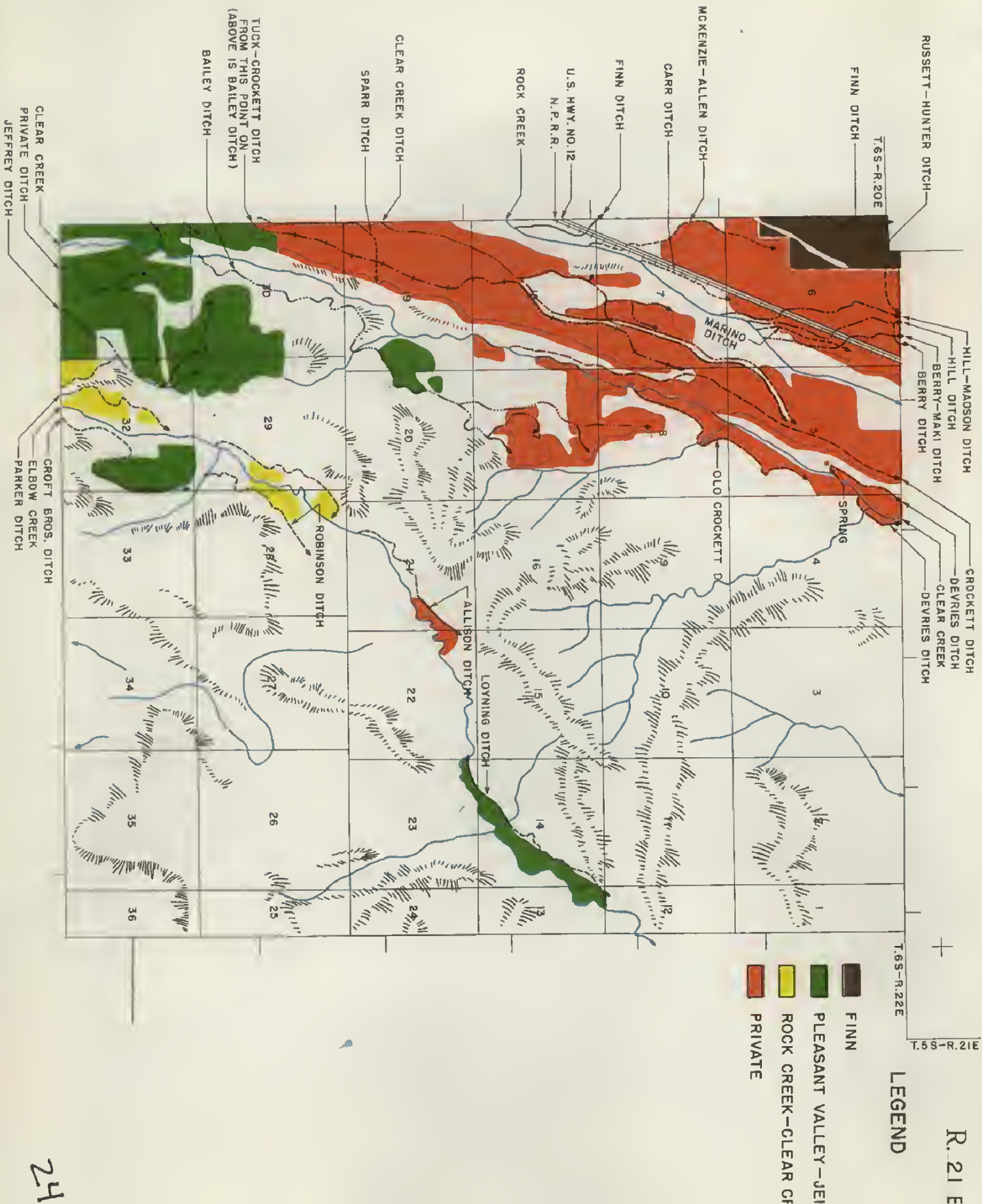


Township No. 6 SOUTH

Range No. 21 EAST

County CARBON

T. 6 S.  
R. 21 E.



LEGEND

- FINN
- PLEASANT VALLEY-JEFFERSON
- ROCK CREEK-CLEAR CREEK
- PRIVATE

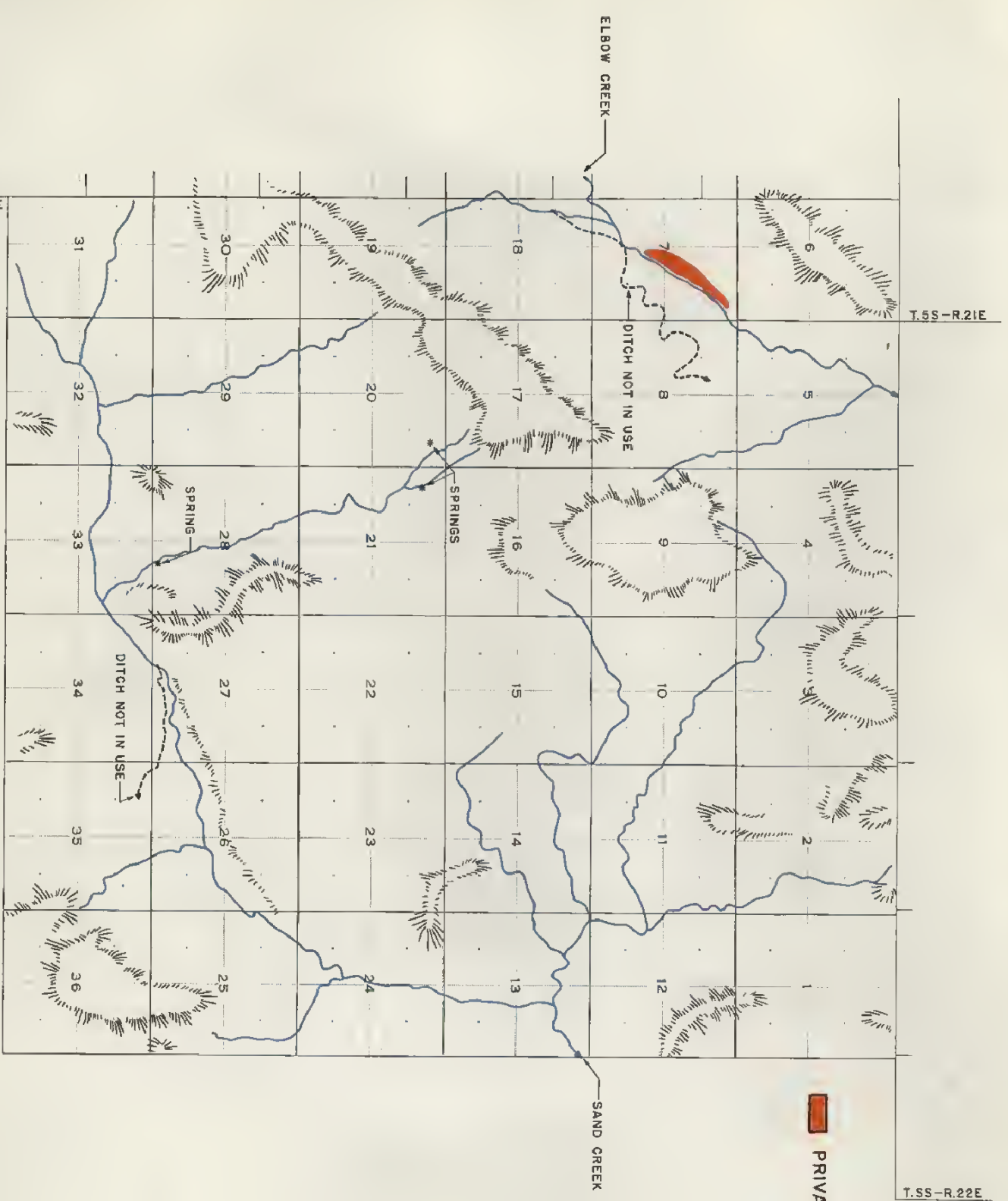


Township No. 6 SOUTH


Range No. 22 EAST

County CARBON

T. 6 S. C.  
R. 22 E



LEGEND

 PRIVATE

T. 6 S - R. 21 E

T. 7 S - R. 22 E

T. 5 S - R. 21 E

T. 5 S - R. 22 E

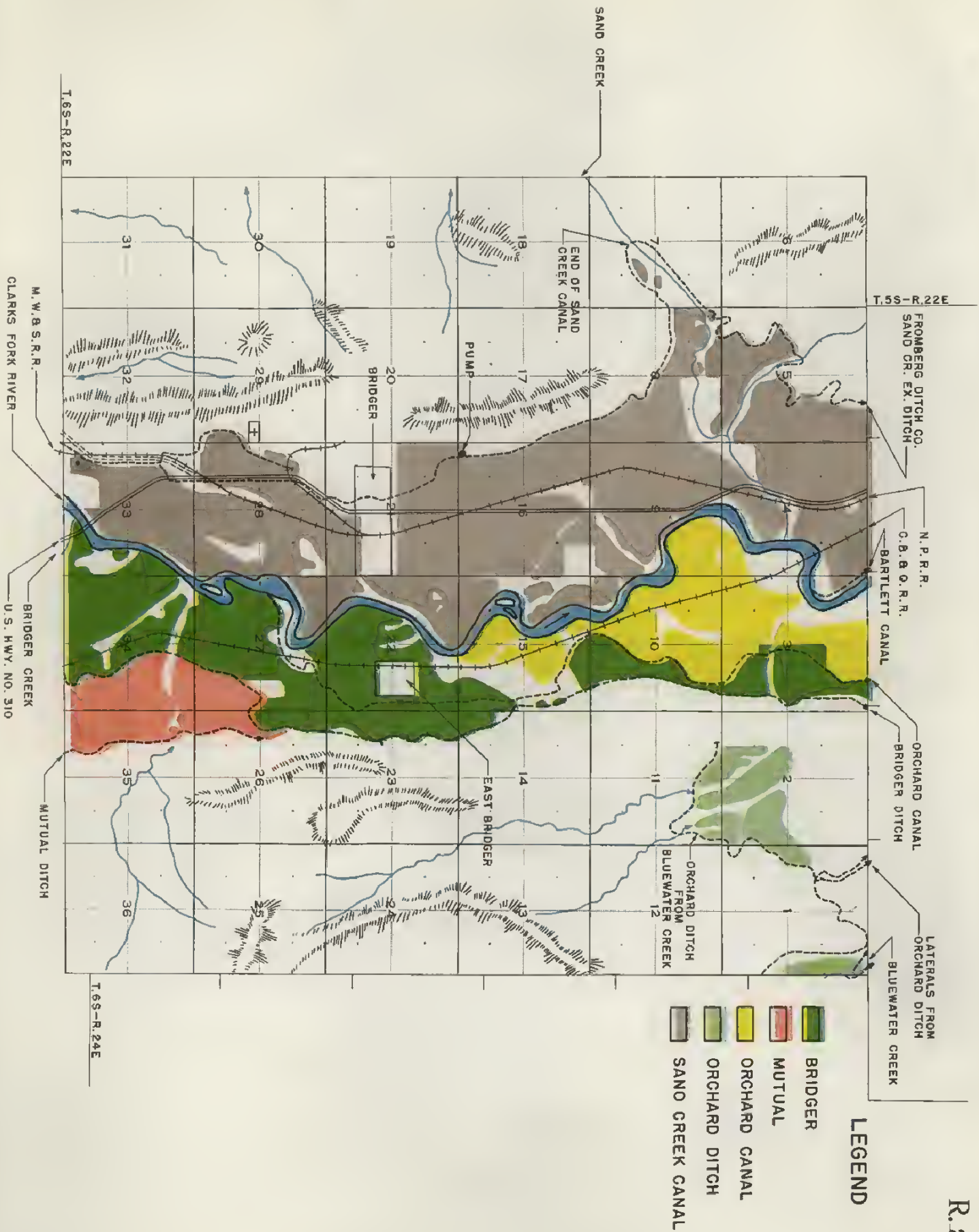
Township No. 6 SOUTH

Range No. 23 EAST

County CARBON

T. 6 S.

R. 23 E.



26





Township No. 6 SOUTH



Range No. 24 EAST

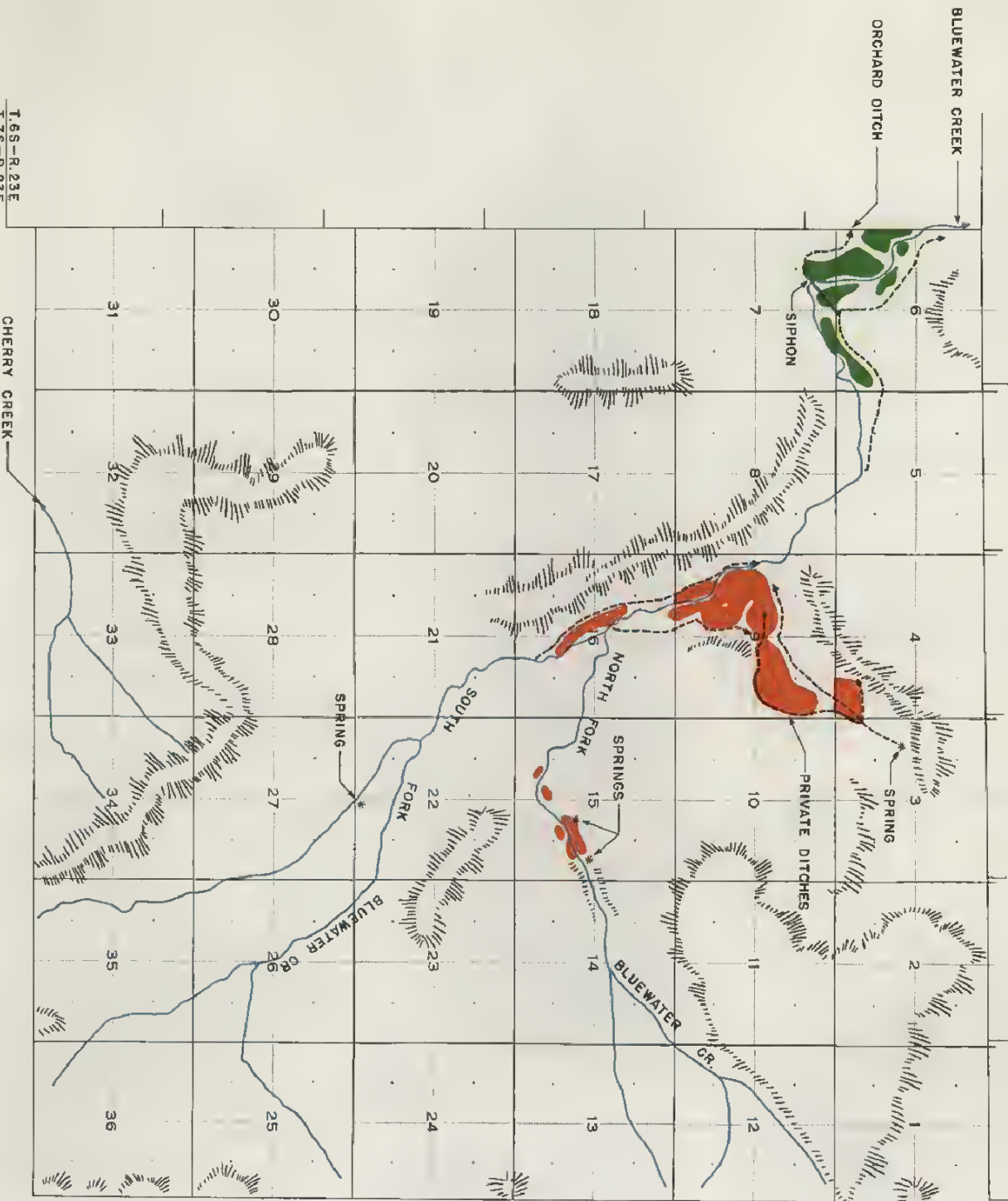
County CARBON

T. 6 S.  
R. 24 E.

T. 55-R. 24E  
T. 55-R. 25E

# LEGEND

 ORCHARD  
 PRIVATE



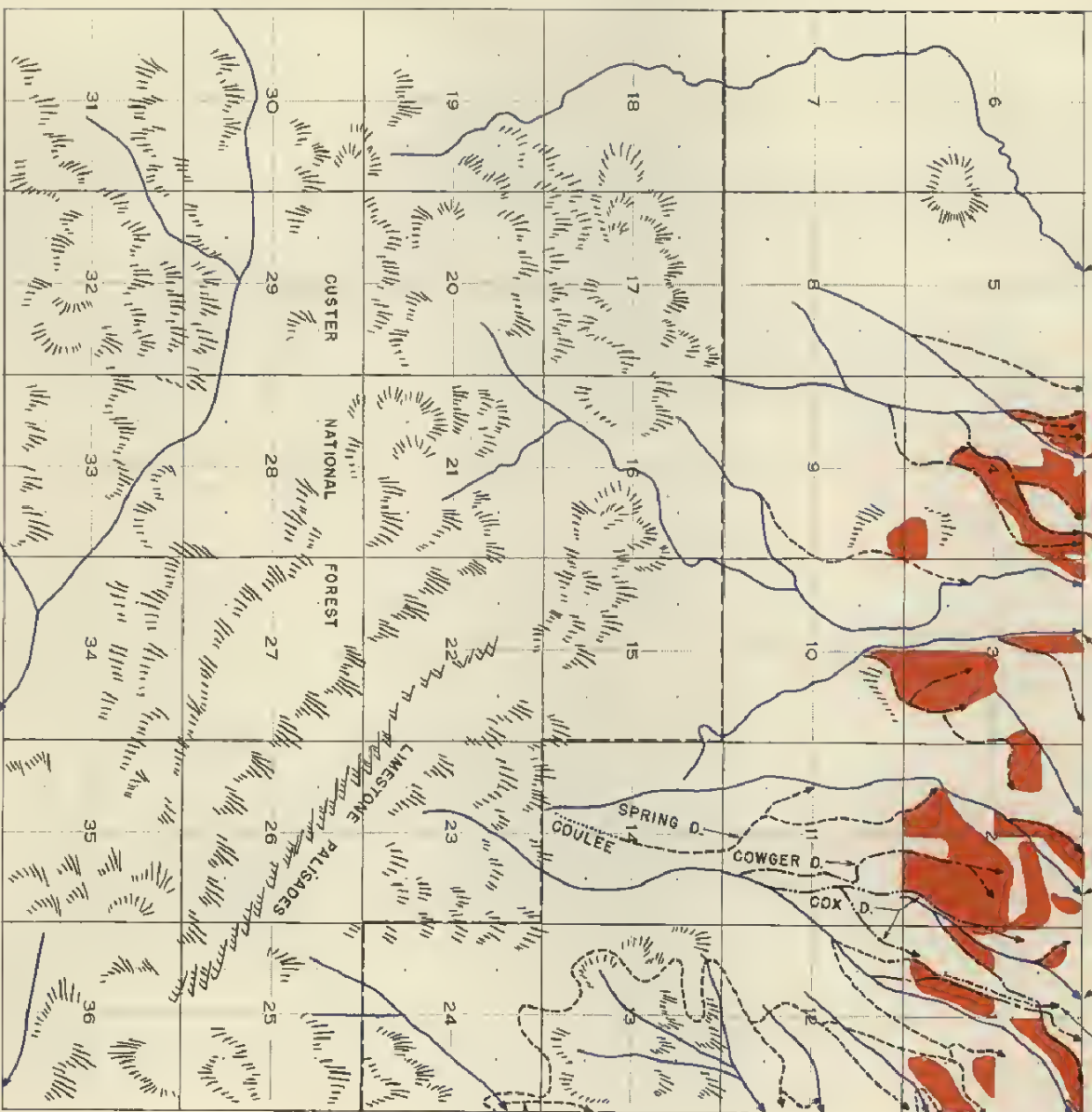
T. 6S-R. 23E  
T. 7S-R. 23E



Township No. 7 SOUTH Range No. 19 EAST County CARBON

T. 7 SOUTH  
R. 19 EAST

T. 6 S - R. 19 E

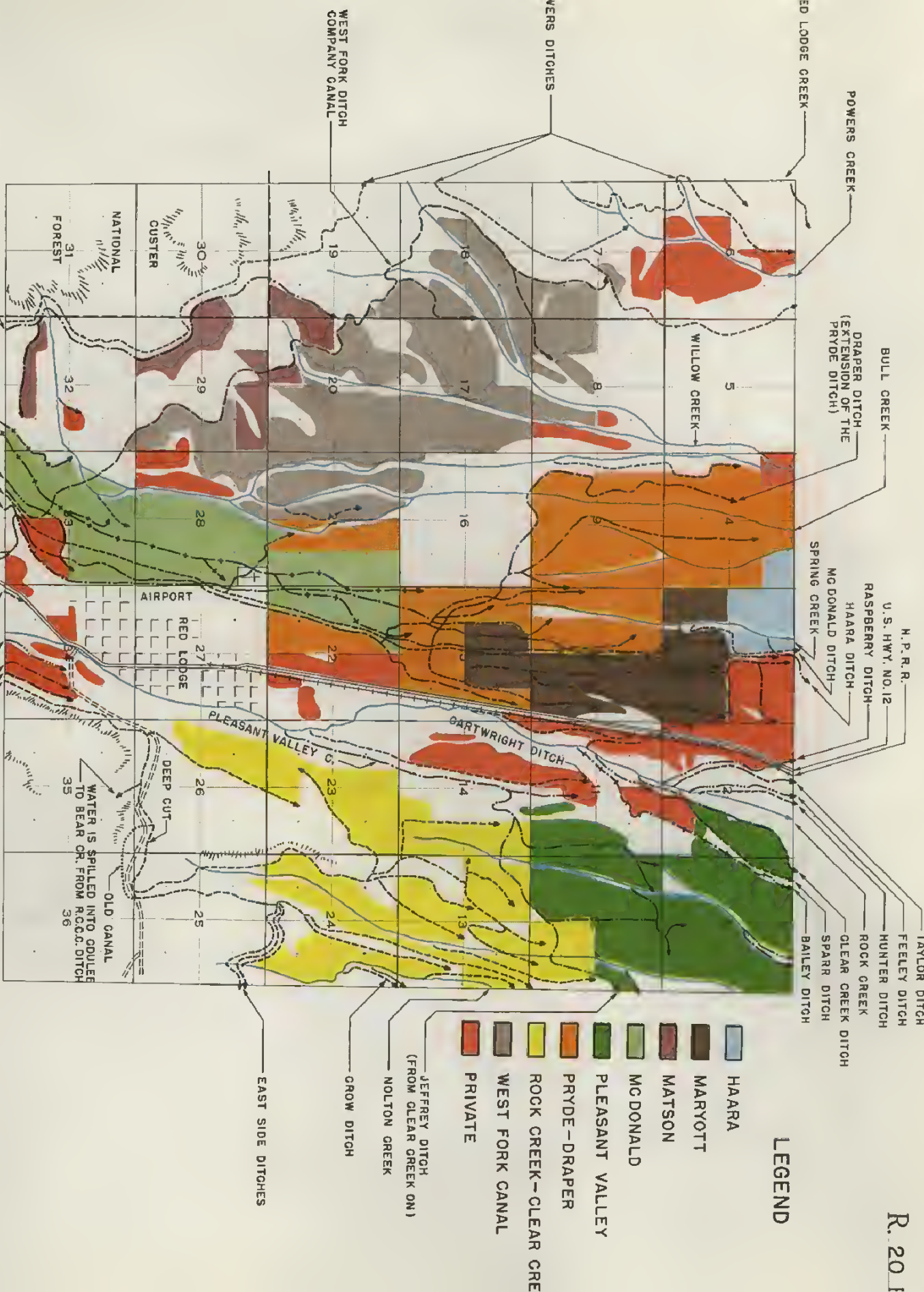


PRIVATE

LEGEND

WEST FORK ROCK CREEK





Township No. 7 SOUTH

Range No. 21 EAST

County CARBON

T. 7 S  
R. 21 E

PRIVATE DITCH  
CLEAR CREEK

PARKER DITCH  
ELBOW CREEK  
CROFT BROS. DITCH

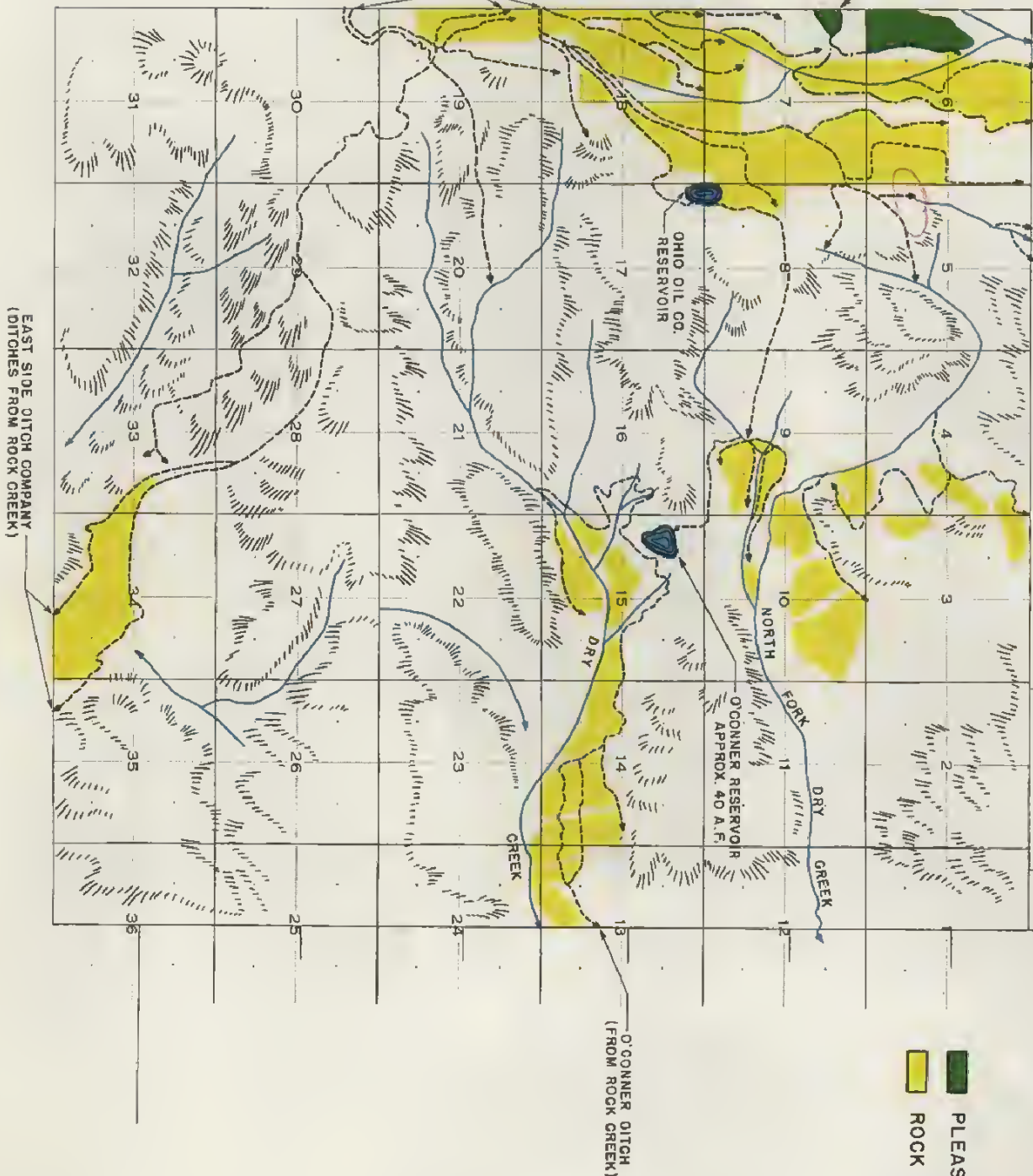
JEFFREY DITCH  
FROM PLEASANT VALLEY  
CREEK. WATER FROM ROCK  
CREEK. JEFFREY STARTS  
CLEAR CREEK.)

ONES FROM ROCK CREEK-  
CLEAR CREEK DITCH CO.  
HIGH DIVERTS FROM ROCK  
CREEK.

T. 7 S - R. 22 E

### LEGEND

PLEASANT VALLEY-JEFF  
ROCK CREEK-CLEAR CREEK



30

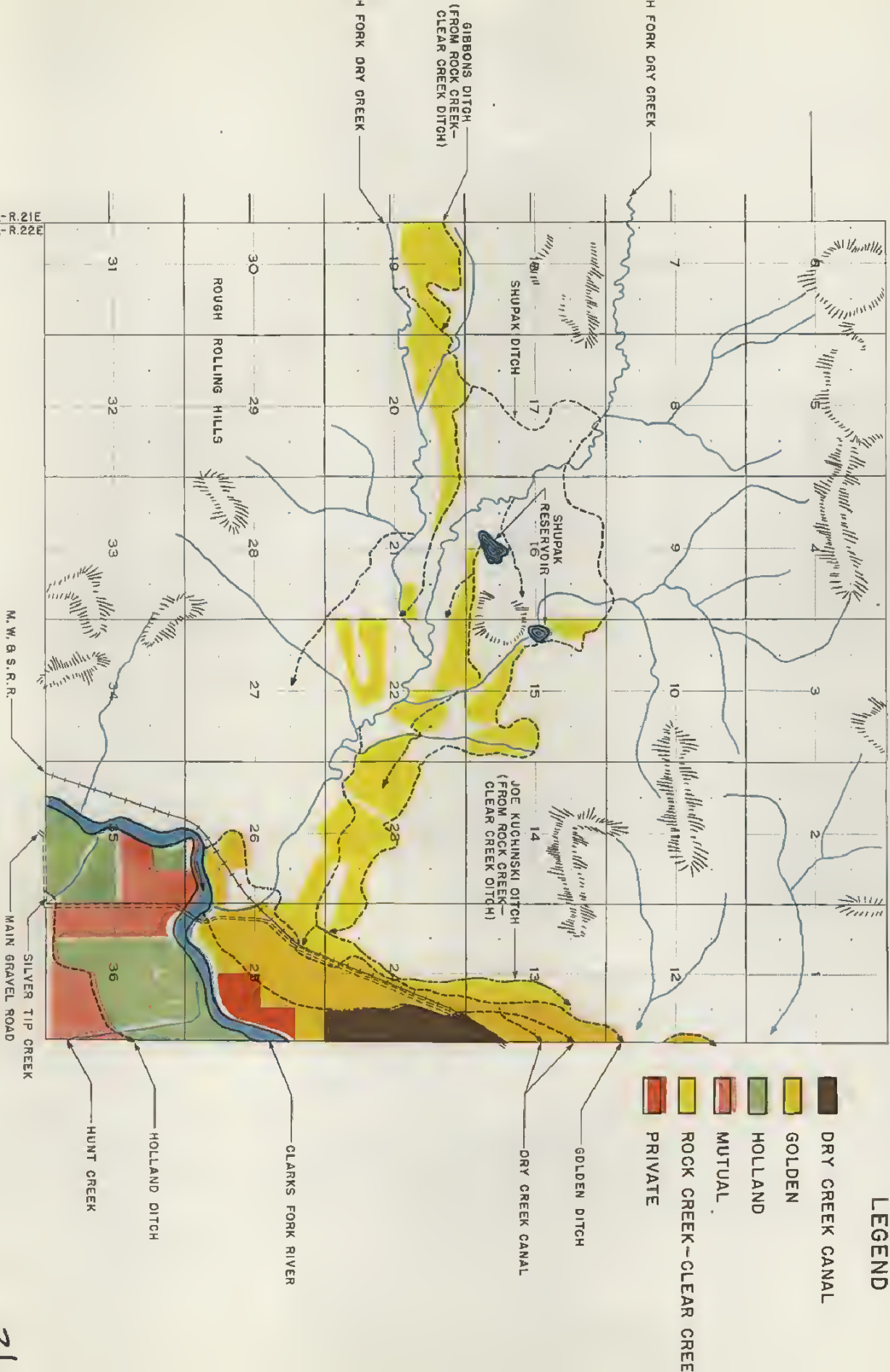


Township No. 7 SOUTH

Range No. 22 EAST

County CARBON

T. 7 S  
R. 22 E



T. 7 S - R. 21 E  
T. 8 S - R. 22 E



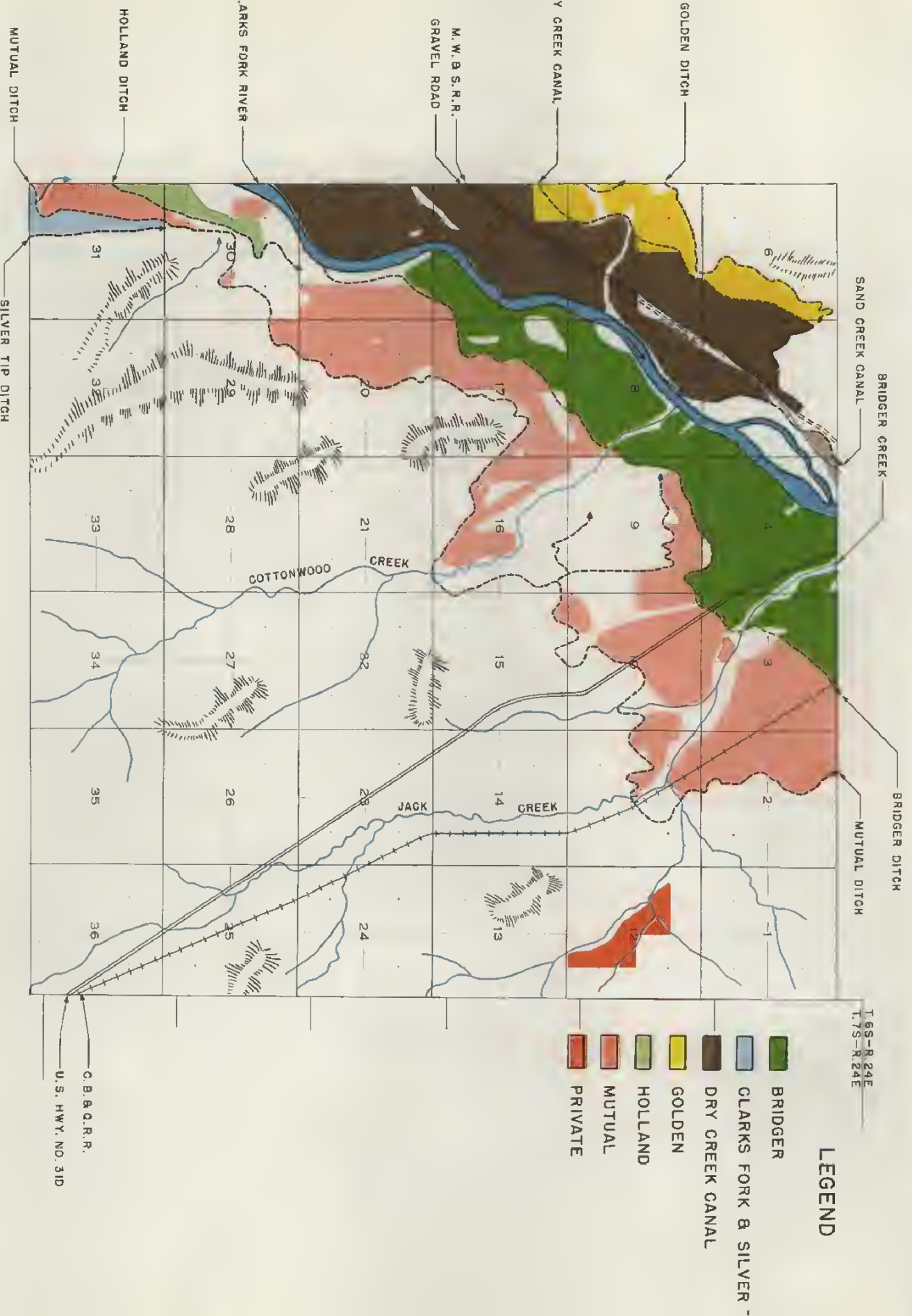


Township No. 7 SOUTH

Range No. 23 EAST

County CARBON

T. 7 S  
R. 23 E



T. 7 S - R. 23 E  
T. 7 S - R. 23 E

### LEGEND

- BRIDGER
- CLARKS FORK & SILVER
- DRY CREEK CANAL
- GOLDEN
- HOLLAND
- MUTUAL
- PRIVATE

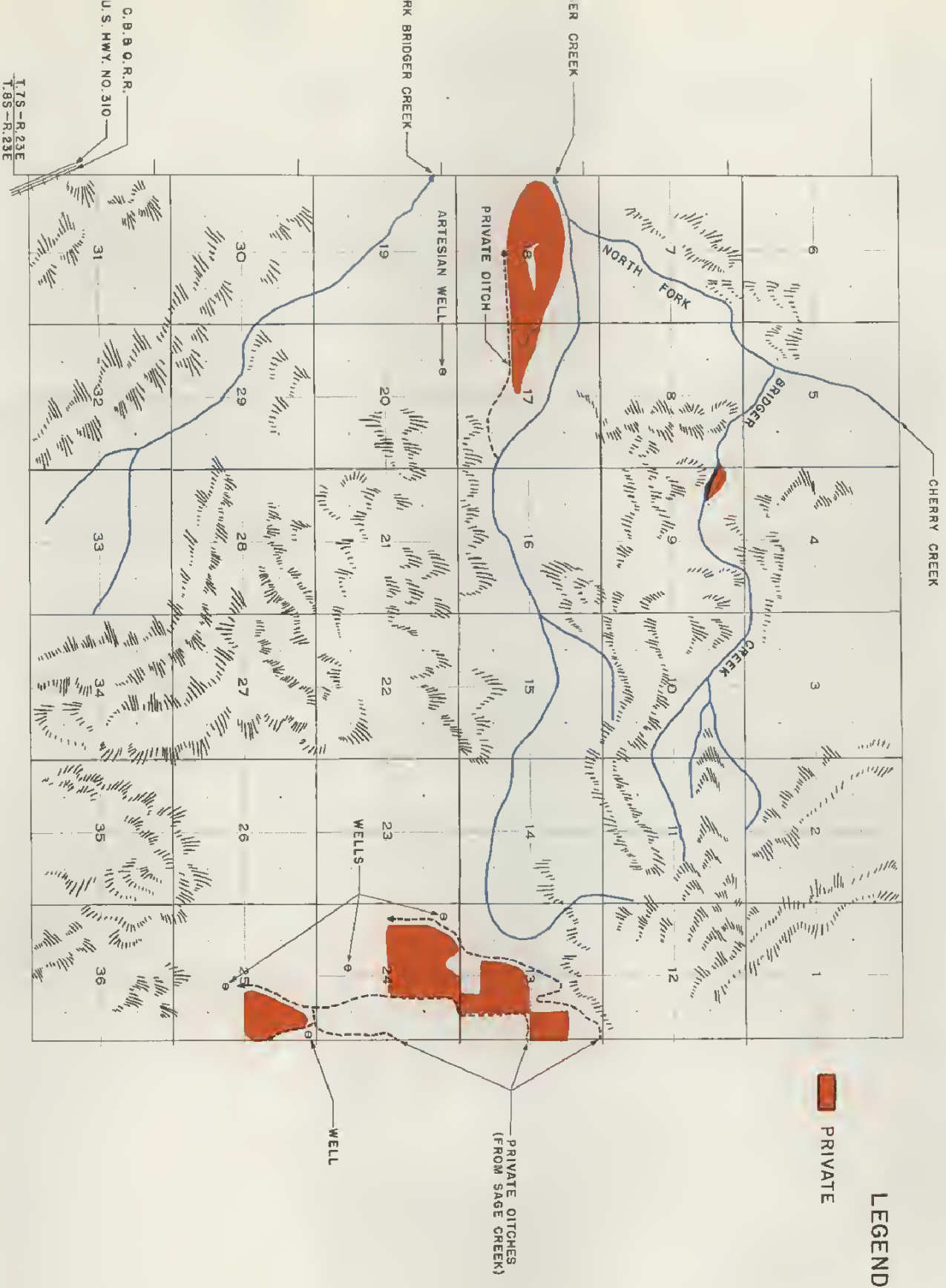


Township No. 7 SOUTH

Range No. 24 EAST

County CARBON

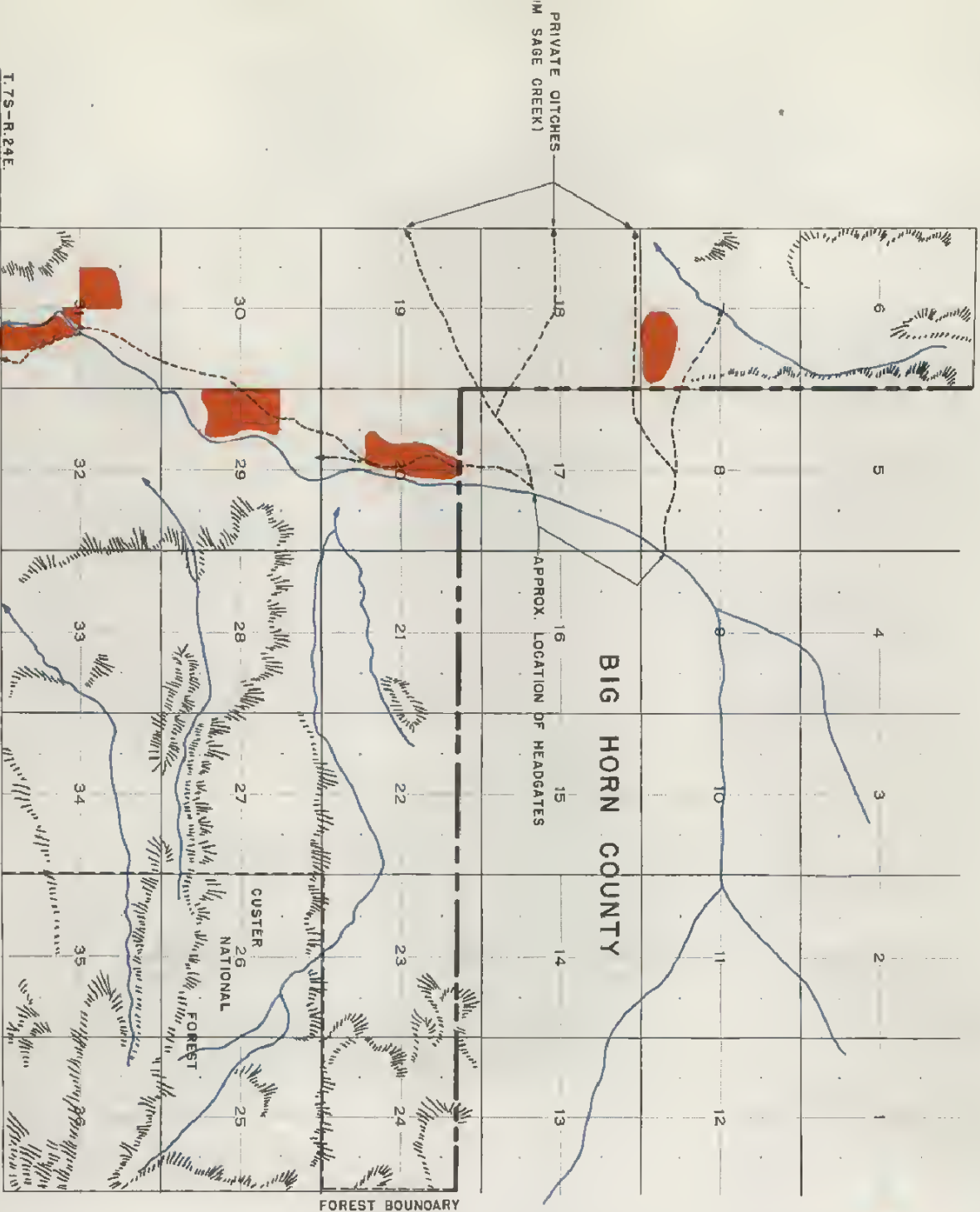
T. 7 SOUTH  
R. 24 EAST



LEGEND



PRIVATE





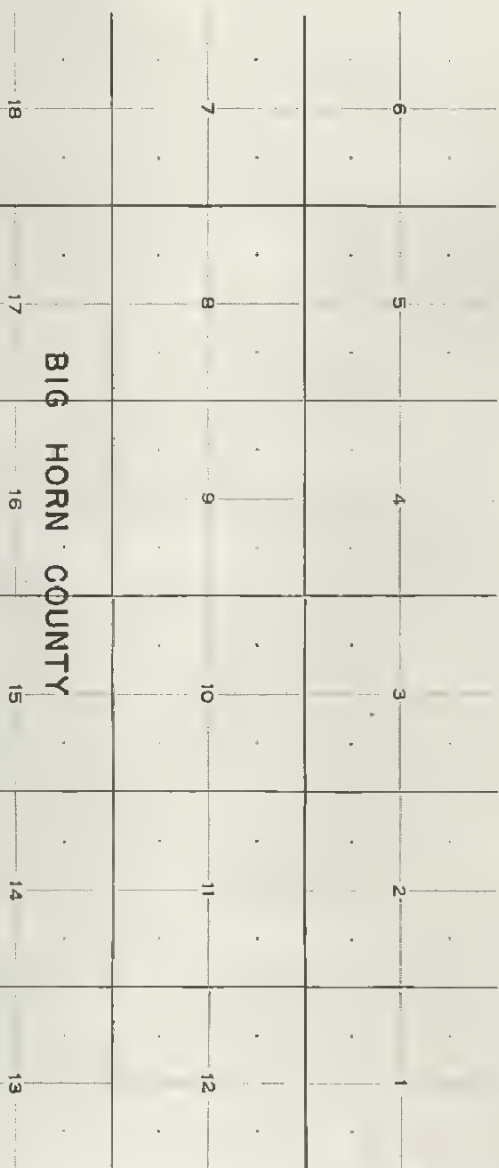


Township No. 7 SOUTH

Range No. 26 EAST

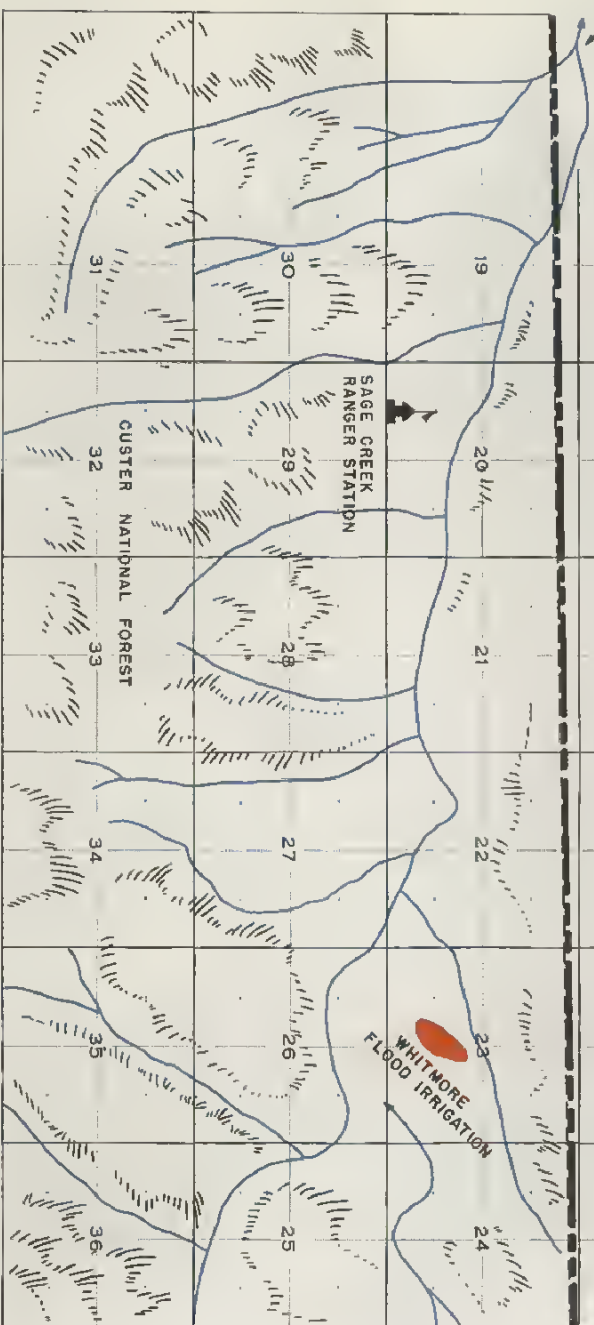
County CARBON

T. 7 SOUTH  
R. 26 EAST



PRIVATE

LEGEND




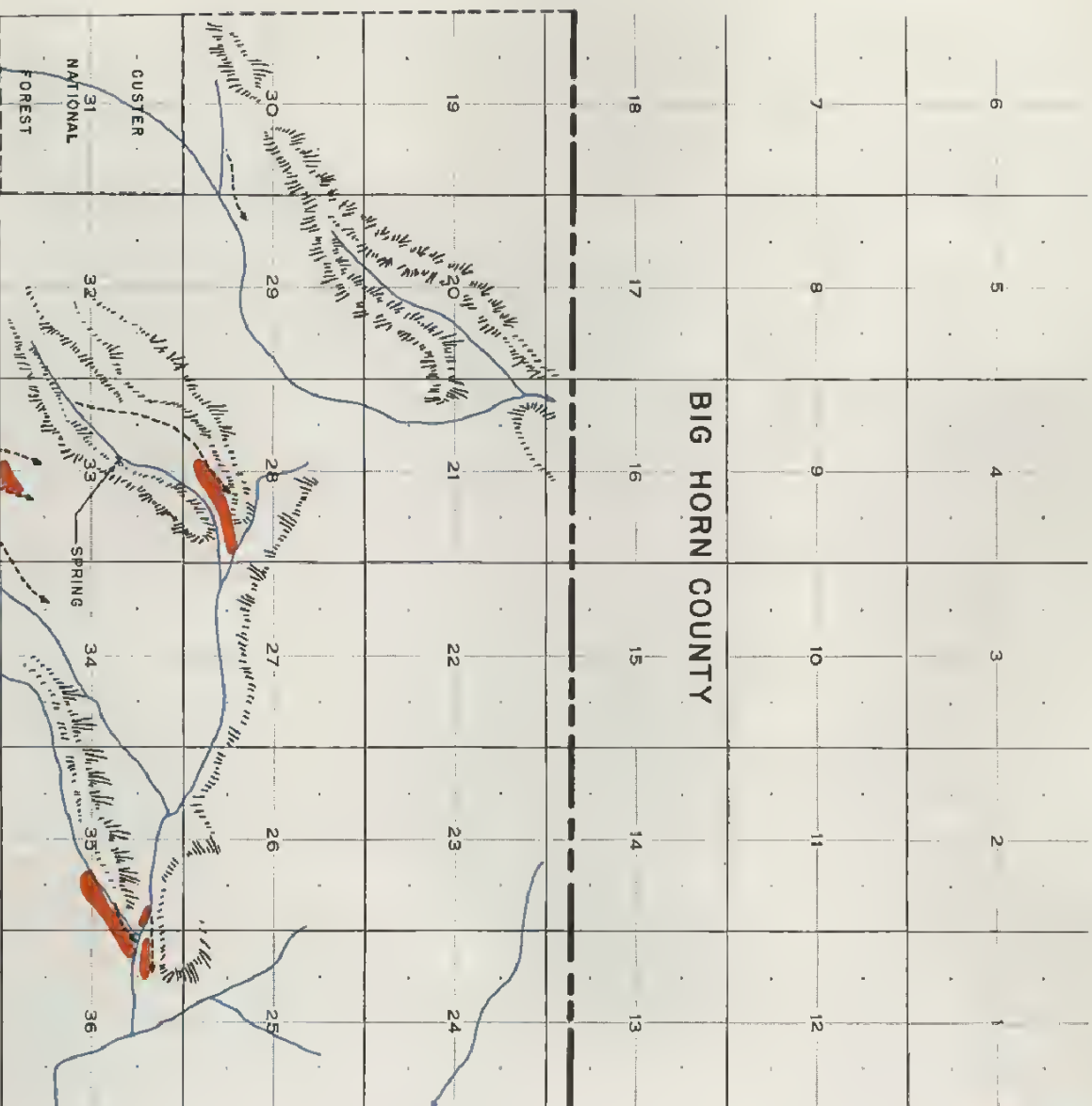


Township No. **7 SOUTH** Range No. **28 EAST** County **CARBON**

T. 7 SOUTH  
R. 28 EAST

# LEGEND

 PRIVATE



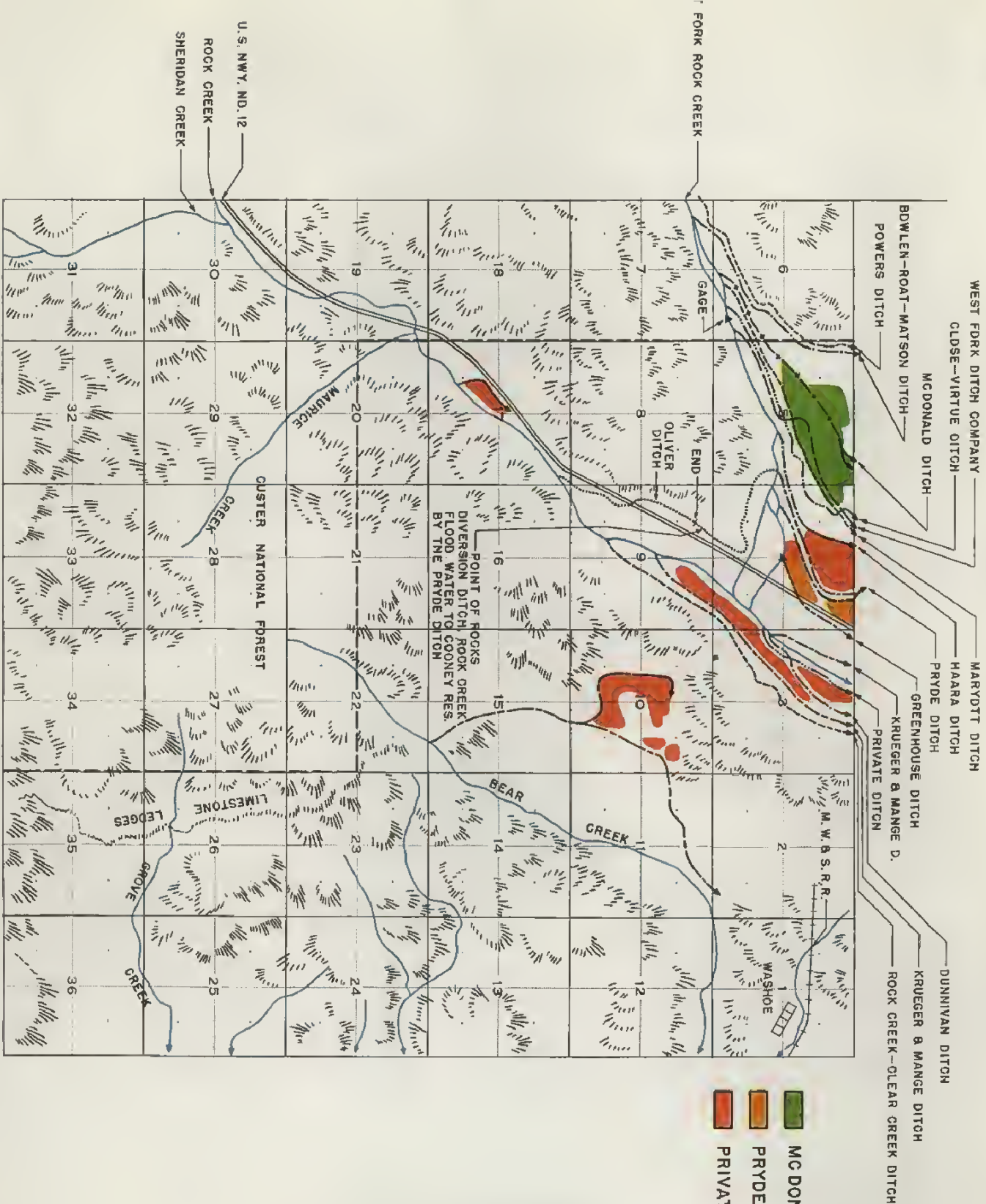
T. 8S - R. 28E.  
T. 8S - R. 29E.



Township No. 8 SOUTH

Range No. 20 EAST

County CARBON



LEGEND

MC DONALD

PRYDE

PRIVATE

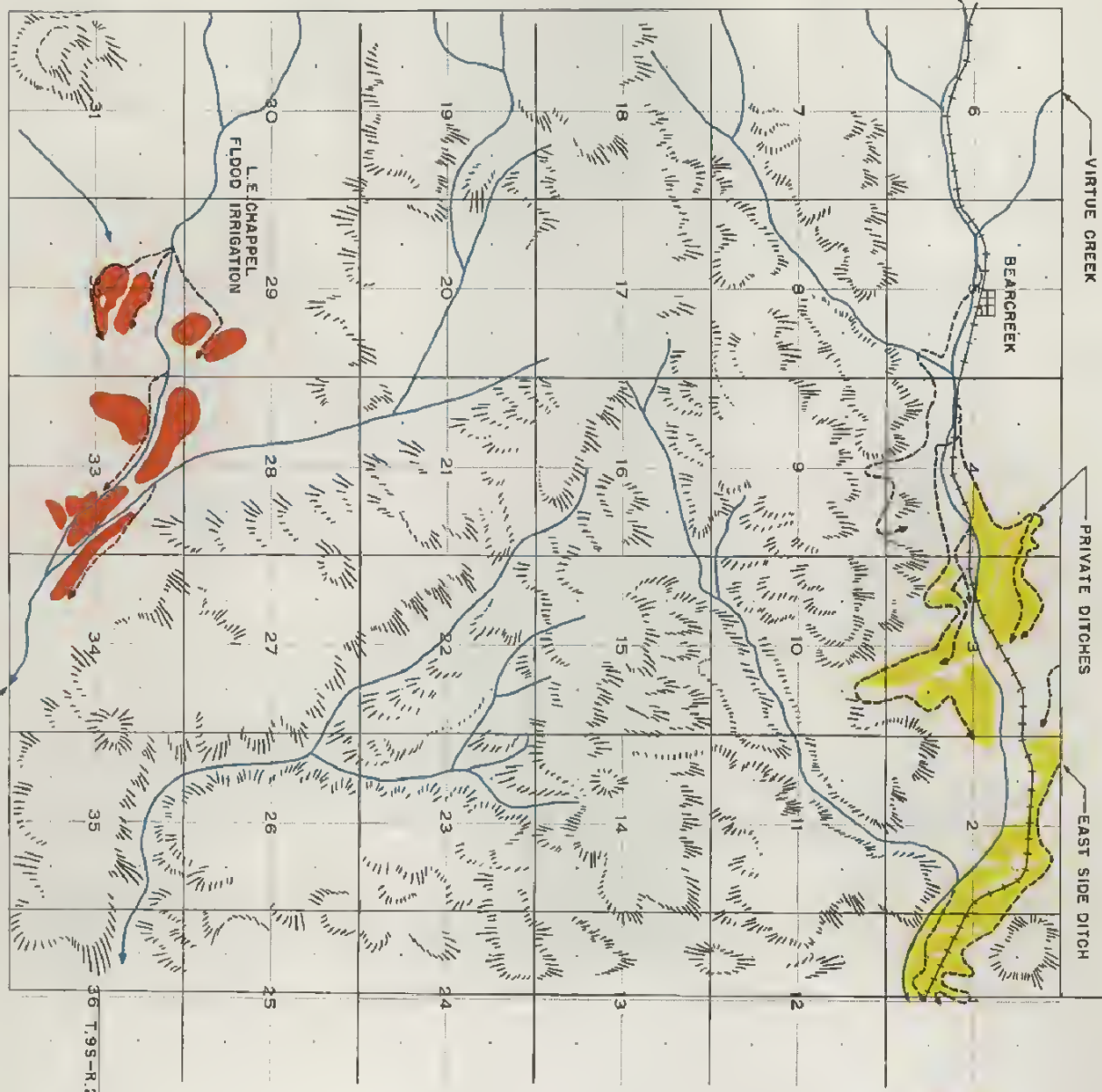




Township No. 8 SOUTH Range No. 21 EAST County CARBON

T. 8 S. R. 21 E.

T. 8 S. - R. 22 E.



- LEGEND
- ROCK CREEK - CLEAR CREEK
  - PRIVATE

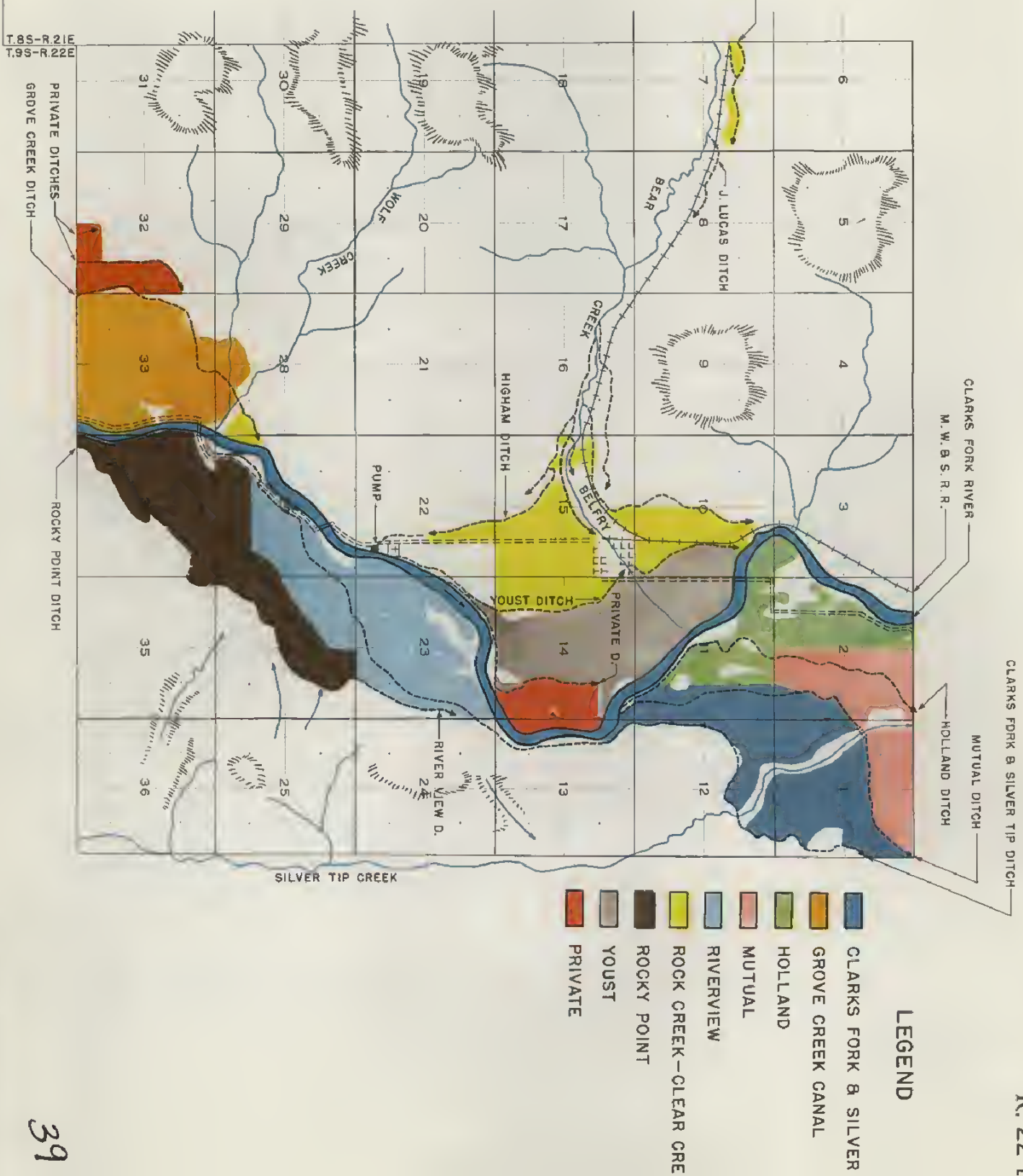


Township No. 8 SOUTH

Range No. 22 EAST

County CARBON

T. 8 S.  
R. 22 E.



LEGEND

- CLARKS FORK & SILVER
- GROVE CREEK CANAL
- HOLLAND
- MUTUAL
- RIVERVIEW
- ROCK CREEK-CLEAR CRE
- ROCKY POINT
- YOST
- PRIVATE

T. 8 S.-R. 21 E.  
T. 9 S.-R. 22 E.



Township No. 8 SOUTH

Range No. 23 EAST

County CARBON

T. 8 S  
R. 23 E

HUNT CREEK

SILVER TIP DITCH

COTTONWOOD CREEK

SILVER TIP CREEK

T. 7 S - R. 24 E  
T. 8 S - R. 24 E

LEGEND



CLARKS FORK & SILVER T







Township No. 8 SOUTH

Range No. 24 EAST

County CARBON

T. 8 S  
R. 24 E

U.S. HWY. NO. 310  
C.B. & Q.R.R.

JACK CREEK

CONWOOD CREEK

PRIVATE DITCH  
(FROM SAGE CREEK)  
RESERVOIR

UNSURVEYED

T. 8S-R. 23E  
T. 9S-R. 23E



Township No. **8** SOUTH  
Range No. **25** EAST  
County **CARBON**

T. 8 SOUTH  
R. 25 EAST

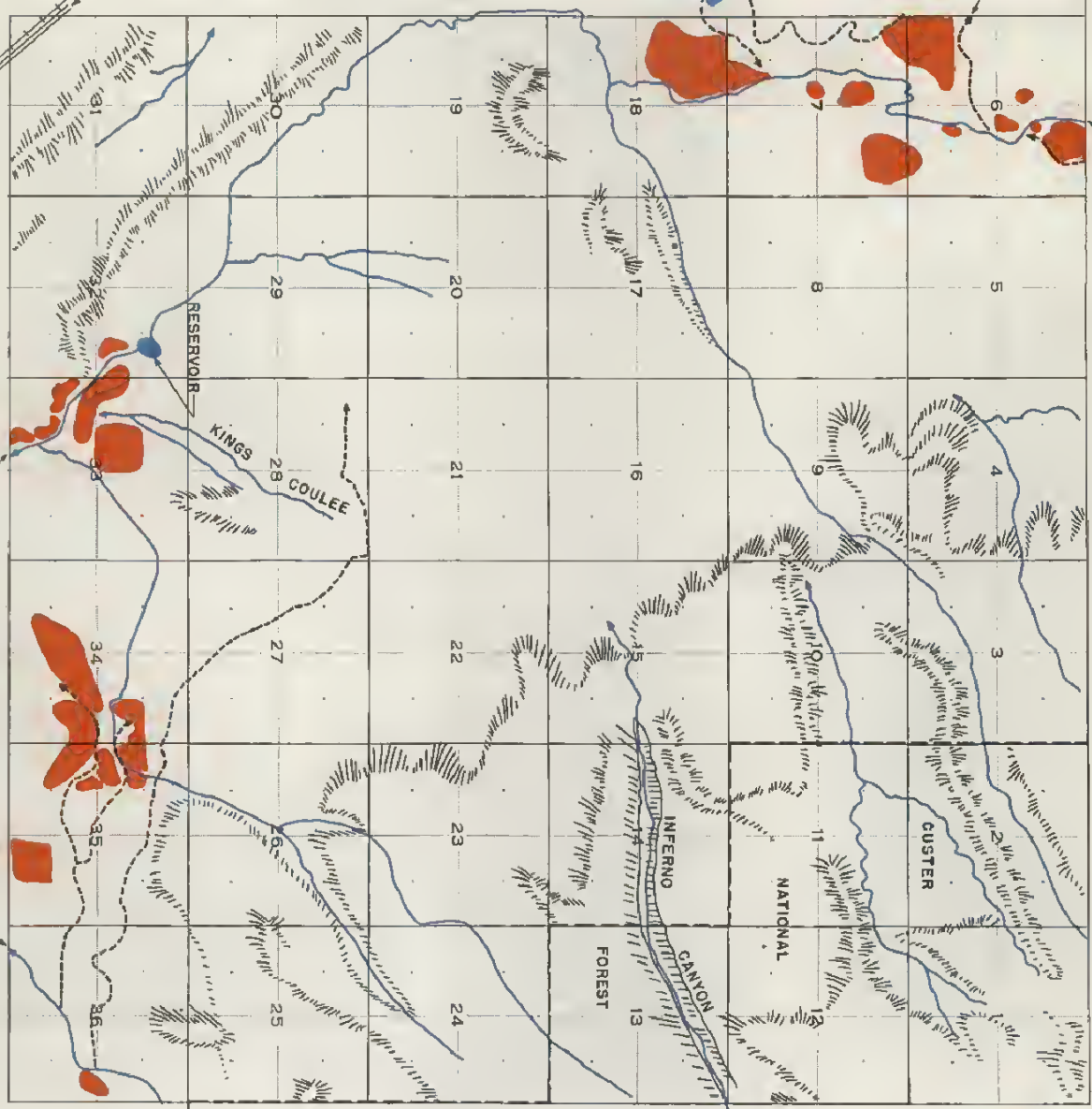
T. 7S-R. 24E  
T. 8S-R. 24E

SAGE CREEK

PRIVATE DITCHES

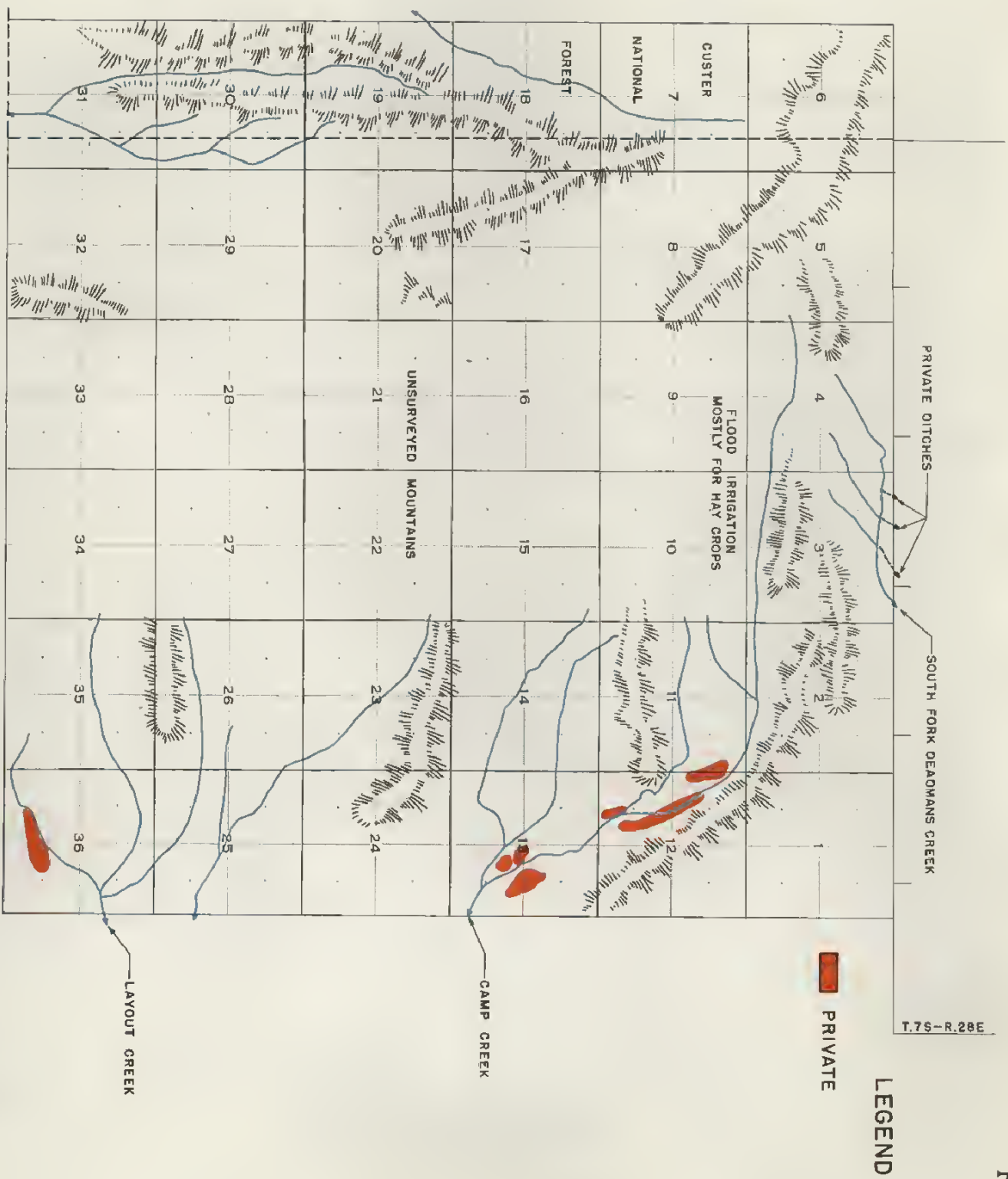
RESERVOIR

S. HWY. NO. 310  
B & O. R.R.



PRIVATE

LEGEND







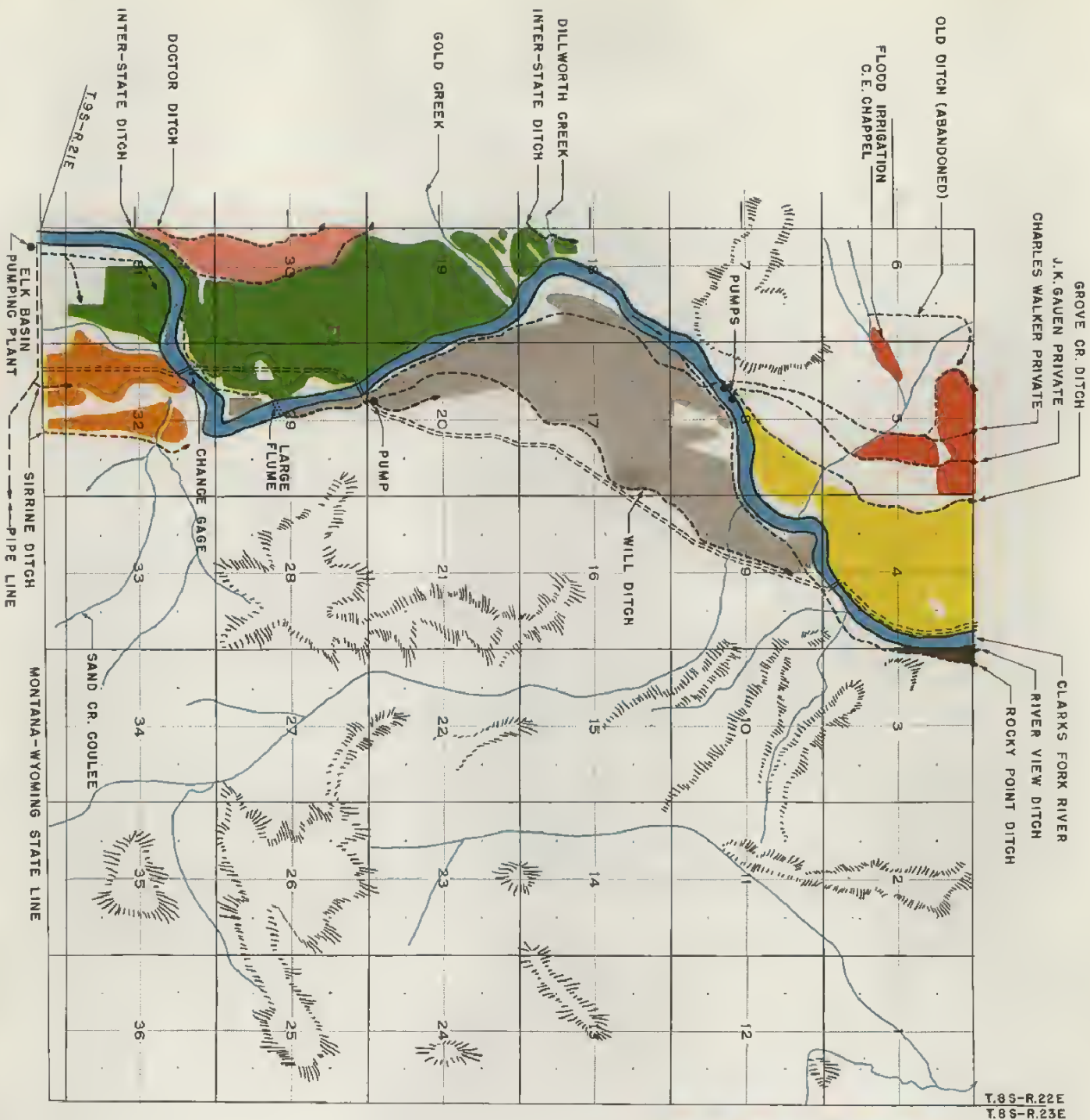


Township No. 9 SOUTH

Range No. 22 EAST

County CARBON

T. 9 S  
R. 22 E



# LEGEND

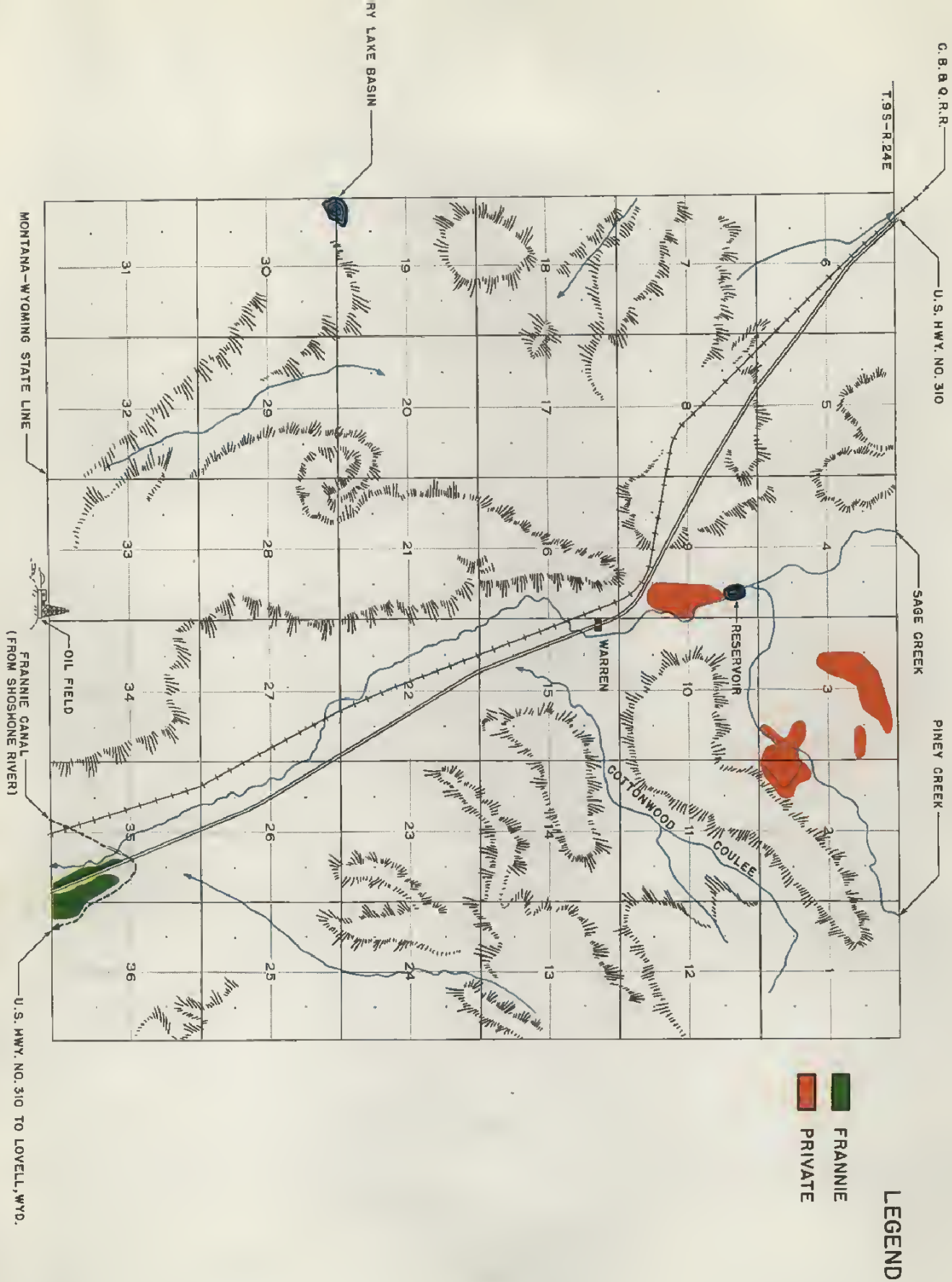
- DOCTOR
- GROVE CREEK CANAL
- INTERSTATE
- ROCKY POINT
- SIRRINE
- WILL
- PRIVATE

Township No. 9 SOUTH

Range No. 25 EAST

County CARBON

T. 9 S.  
R. 25 E.







Township No. 9 & 10 SOUTH

Range No. 27 EAST

County CARBON

T. 9 & 10 S  
R. 27 EAS

CUSTER NATIONAL FOREST

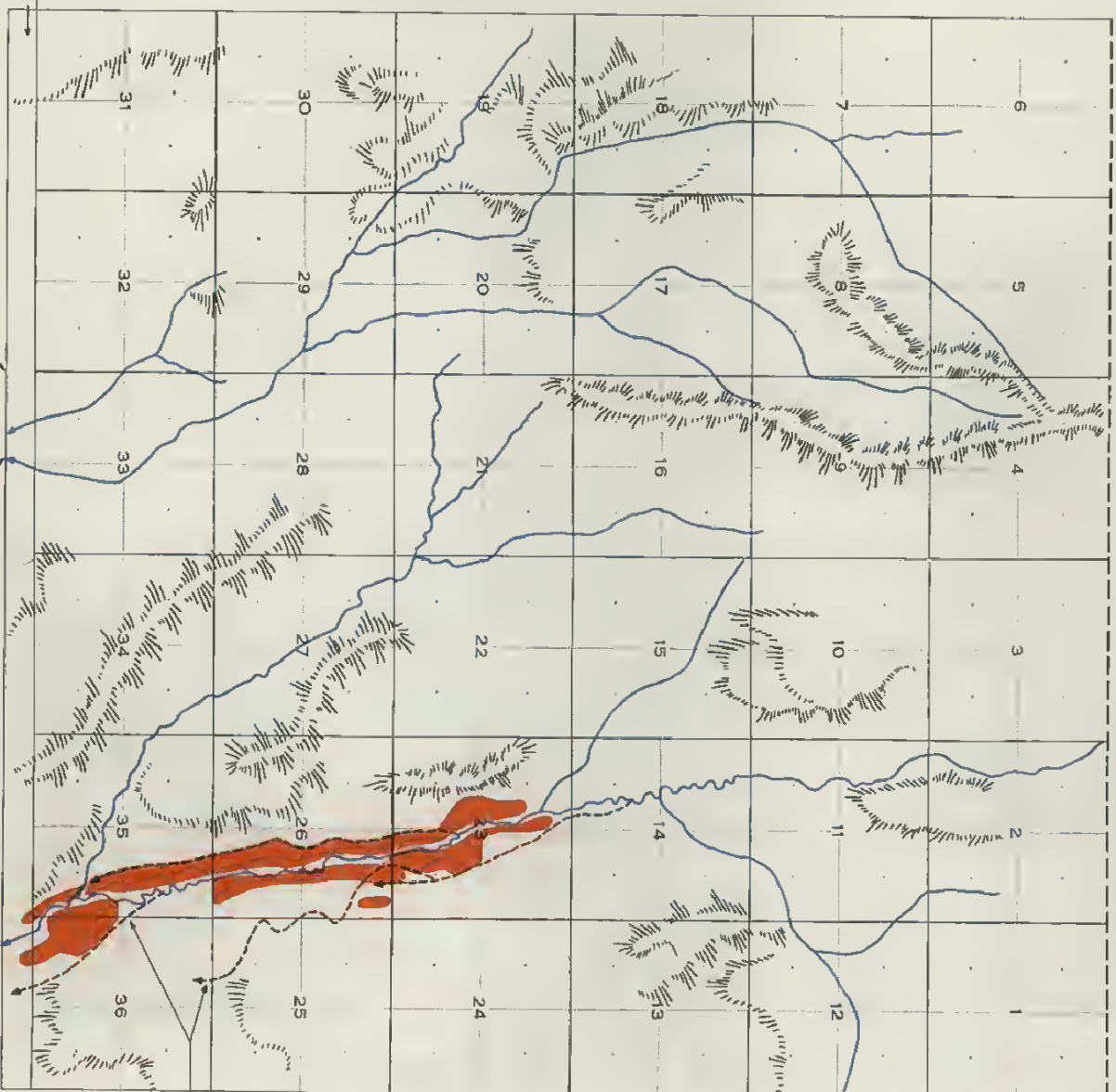
T. 8 S - R. 27 E

LEGEND



PRIVATE

PRIVATE DITCHES



T. 10 S - R. 27 E

MONTANA-WYOMING STATE LINE

GYPSUM CREEK

CROOKED CREEK